



HYDRO-ENVIRONMENTAL TECHNOLOGY, INC.

Environmental Consultants

P.O. Box 31203

Lafayette, LA 70593-1203

Phone (318) 261-1963 FAX (318) 233-0361

Project Name:

City of Lafayette

Project #:

1051.03

Project Location:

Lafayette, LA

SAMPLE CHAIN OF CUSTODY RECORD

Laboratory:

EFGH, INC.

ATT: Kim

Sample Collected By:

KMM/SLS

Company:

HET

Date:

11/14/91

Sample I.D.	Type	Date/Time Sampled	Containers	Analysis Requested/ Method	Comments
Area 4 SB10 2-3' lbs	So	11/13/91 @ 1430	(1) Qt Glass	TPH-418.10 + Total (B) VOC-8240 + metals	Chilled
Area 4 SB4 3' lbs	So	11/13/91 @ 1500	(1) Qt Glass	TPH-418.10 Total metal VOC-8240	"
Area 4 SB5 10-11' lbs	So	11/13/91 @ 1645	(1) Qt Glass	TPH-418.10 + Total VOC-8240 + metals	"
Area 4 SB6 9.5-10' lbs	So	11/13/91 @ 1705	(1) Qt Glass	TPH-418.10 + Total (B) VOC-8240 + metals	"
Area 5 SB10 2-3' lbs	So	11/13/91 @ 1515	(1) Qt Glass	TPH-418.10 Total VOC-8240 + metals	"
Area 6 SB10 7.5-8' lbs	So	11/14/91 @ 1600	(2) 150 mL GLASS	TPH-418.10 + Total VOC-8240 + metals	"
Rush Samples - 24 hour turn in					
Relinquished By: <i>[Signature]</i>			Received By:		
Date/Time: 11/14/91 @ 1740			Date/Time:		
Relinquished By:			Received By:		
Date/Time:			Date/Time:		
Analysis Due Verbal			Written:		



EFEH & ASSOCIATES

18819 SAGEWIND DRIVE • HOUSTON, TEXAS 77059 • TELEPHONE (713) 484-2382

December 2, 1991

Mr. S. Stover
Hydro-Environmental Technology, Inc.
Environmental Consultants
P.O. Box 31203
Lafayette, Louisiana 70593-1203

Dear Mr. Stover:

Following are the results of the water sample submitted to our laboratory for analyses on November 26, 1991:

SAMPLE I.D.	SB1-Area 6
	11/14/91 16:00
LAB NO.	E-4451

VOLATILES

Acetone	<10
Acrolein	<50
Acrylonitrile	<50
Benzene	83
Bromoform	<1
Carbon Tetrachloride	<1
Chlorobenzene	<1
Chlorodibromomethane	<1
Chloroethane	<1
2-Chloroethylvinyl ether	<1
Chloroform	6
Chloromethane	<1
Dichlorobromomethane	<1
1,1-Dichloroethane	<1
1,2-Dichloroethane	2
1,1-Dichloroethene	<1
Trans-1,2-Dichloroethane	<1
1,2-Dichloropropane	<1
Cis-1,3-Dichloropropylene	<1
Diethyl Ether	<1
P-Dioxane	<1
Ethylbenzene	7
Methyl Chloride	<1
Methylene Chloride	<1
Methyl Ethyl Ketone	<1

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SAMPLE I.D.

SB1-Area G
11/14/91 16:00

LAB NO.

E-4451

1,1,2,2-Tetrachloroethane	<1
Tetrachloroethene	83
Toluene	127
1,1,1-Trichloroethane	5
1,1,2-Trichloroethane	<1
Trichloroethylene	<1
Vinyl Chloride	<1

NOTE: Units expressed in ug/l, unless otherwise noted.

METHOD: EPA 1624

BASE NEUTRALS

Acenaphthene	<5
Acenaphthylene	<5
Anthracene	<5
Benzidine	<5
Benzo(a)anthracene	<5
Benzo(b)fluoranthene	<5
Benzo(k)fluoranthene	<5
Benzo(a)pyrene	<5
Benzo(gh)perylene	<5
Bis(2-Chloroethoxy)Methane	<5
Bis(2-Chloroethyl) Ether	<5
Bis(2-Ethylhexyl)phthalate	<5
4-Bromophenyl Phenyl Ether	<5
Butylbenzyl Phthalate	<5
2-Chloronaphthalene	<5
4-Chlorophenyl Phenyl Ether	<5
Chrysene	<5
Dibenzo(a,h)anthracene	<5
Dibenzothiophene (Synfuel)	<5
1,2-Dichlorobenzene	<5
1,3-Dichlorobenzene	<5
1,4-Dichlorobenzene	<5
3,3'-Dichlorobenzidine	<5
Diethyl Phthalate	<5
Dimethyl Phthalate	<5
2,4-Dimethylphenol	<5
Di-n-butyl Phthalate	<5
2,4-Dinitrotoluene	<5
2,6-Dinitrotoluene	<5
Di-n-octyl Phthalate	<5

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SAMPLE I.D.

SB1-Area 6

11/14/91 16:00

LAB NO.

E-4451

1,2-Diphenylhydrazine (as azobenzene)	<5
Fluoranthene	<5
Fluorene	<5
Hexachlorobenzene	<5
Hexachlorobutadiene	<5
Hexachlorocyclopentadiene	<5
Hexachloroethane	<5
Indeno(1,2,3-cd)pyrene	<5
Isophorone	<5
Naphthalene	<5
Nitrobenzene	<5
N-Nitrosodimethylamine	<5
N-Nitrosodi-n-propylamine	<5
N-Nitrosodiphenylamine	<5
Phenanthrene	<5
Phenol	<5
a-Picoline (Synfuel)	<5
Pyrene	<5
1,2,4-Trichlorobenzene	<5

NOTE: Units expressed in ug/l, unless otherwise noted.

METHOD: EPA 1625

TOTAL METALS

		Date Completed	% Recovery	Analyst
Arsenic, mg/l	<0.01	11-27-91	99.8	EOC
Barium, mg/l	<0.05	11-27-91	100.0	EOC
Cadmium, mg/l	<0.005	11-27-91	99.2	EOC
Chromium, mg/l	0.07	11-27-91	99.1	EOC
Copper, mg/l	0.23	11-27-91	99.6	EOC
Lead, mg/l	0.16	11-27-91	99.1	EOC
Mercury, mg/l	<0.002	11-27-91	99.8	EOC
Nickel, mg/l	0.05	11-27-91	99.8	EOC
Selenium, mg/l	<0.01	11-27-91	99.3	EOC
Silver, mg/l	<0.01	11-27-91	98.7	EOC
Thallium, mg/l	<0.06	11-27-91	98.3	EOC
Zinc, mg/l	0.40	11-27-91	99.6	EOC

METHOD: EPA 7060/7080/7130/7190/7420/7471/7741/7760/7950/7210/
7520/7841

-x M4x S404LD RE .05

EFEH[&] ASSOCIATES

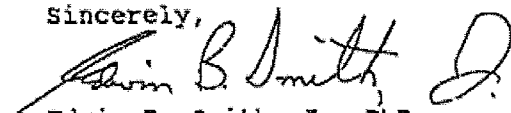
Page 4

		% Recovery	Analyst
TPH, mg/l	29.2	96.1	RW
Total Dissolved Solids, mg/l	240	98.6	RW
TOX, mg/l	2.0	91.4	DJ
pH	6.1		

METHODS: TPH - EPA 418.1
Total Dissolved Solids - EPA 2540-C
TOX - EPA 9020
pH - EPA 9040

Please contact me if you have any questions concerning these results.

Sincerely,



Edwin B. Smith, Jr. PhD

QUALITY CONTROL/QUALITY ASSURANCE DATA

METHOD: USEPA CLP, SEMI-VOLATILE SOIL

DATAFILE: E4451 ANALYSIS TIME 11/26/91 10 56
 STANDARD: CC50917 ANALYSIS TIME: 09/19/91 10 45

***** INTERNAL STANDARD AREA CHECK *****

INTERNAL STANDARD	DATA AREA	STD AREA	RATIO	CLP ACCEPT RATIO	STATUS
CI30 1,4-DICHLOROBENZEN	19719	79548	25%	25% - 175%	
CI40 NAPHTHALENE D8	76181	246420	31%	25% - 175%	
CI50 ACENAPHTHENE D8	50885	112962	45%	25% - 175%	
CI60 PHENANTHRENE D10	54743	125412	44%	25% - 175%	
CI70 CHRYSENE D12	16071	30063	44%	25% - 175%	
CI75 PERYLENE D12	6660	16799	40%	25% - 175%	

***** INTERNAL STANDARD RT CHECK *****

INTERNAL STANDARD	DATA SCAN	STD SCAN	DIFF [IN SEC]	CLP ACCEPT DIFF	STATUS
CI30 1,4-DICHLOROBENZEN	775	787	7	+/- 30 SECS	
CI40 NAPHTHALENE D8	1039	1052	8	+/- 30 SECS	
CI50 ACENAPHTHENE D8	1428	1442	8	+/- 30 SECS	
CI60 PHENANTHRENE D10	1766	1779	8	+/- 30 SECS	
CI70 CHRYSENE D12	2374	2381	4	+/- 30 SECS	
CI75 PERYLENE D12	2723	2734	7	+/- 30 SECS	

***** SURROGATE RECOVERIES *****

SURROGATE	AMT FOUND	AMT ADDED	PERCENT RECOVERY	RECOV LIMITS	STATUS
CS20 NITROBENZENE D5	-0.0	125.0	0	0% - 140%	
CS25 2-FLUOROBIPHENYL	-0.0	125.0	0	0% - 140%	
CS30 TERPHENYL D14	-0.0	125.0	0	0% - 150%	
CS45 PHENOL D5	-0.0	125.0	0	0% - 140%	
CS50 2-FLUOROPHENOL	-0.0	125.0	0	0% - 140%	
CS55 2,4,6-TRIBROMOPHEN	-0.0	125.0	0	0% - 140%	

QUALITY CONTROL/QUALITY ASSURANCE DATA

METHOD VOLATILE WATER SAMPLE

DATAFILE: E4451 ANALYSIS TIME 11/26/91 10:50
STANDARD 00001122 ANALYSIS TIME 11/22/91 14:20

***** INTERNAL STANDARD AREA CHECK *****

INTERNAL STANDARD	DATA AREA	STD AREA	RATIO	CLP ACCEPT RATIO	STATUS
C110 1,4-DIFLUOROBENZENE	88536	71730.	97%	95% - 105%	
C120 05-CHLOROBENZENE	118040.	128766.	92%	90% - 100%	

***** INTERNAL STANDARD RT CHECK *****

INTERNAL STANDARD	DATA SCAN	STD SCAN	DIFF (IN SEC)	CLP ACCEPT DIFF	STATUS
C110 1,4-DIFLUOROBENZENE	504	504	0	+/- 200 SECS	
C120 05-CHLOROBENZENE	778	779	1	+/- 200 SECS	

***** SURROGATE RECOVERIES *****

SURROGATE	AMT FOUND	AMT ADDED	PERCENT RECOVERY	RECOV LIMITS	STATUS
CS15 D4-1,2 DICHLOROBENZENE	41.2	50.0	82	50% - 100%	
CS10 P-BROMOFLUOROBENZENE	38.7	50.0	77	50% - 100%	

FILE E4451

PAGE 1

**** SEMIVOLATILE SAMPLE ****

FM	CC		QUANT	REPORTED	DETECT
CODE	ID#	COMPOUND NAME	REPORT	AMOUNT	LIMIT
			VALUE	(UG/L)	(UG/L)
C520		NITROBENZENE D5	SU	0.0	BDL
C525		2-FLUOROBIPHENYL	SU	0.0	BDL
C530		TERPHENYL D14	SU	0.0	BDL
C545		PHENOL D5	SU	0.0	BDL
C550		2-FLUOROPHENOL	SU	0.0	BDL
C555		2,4,6-TRIBROMOPHENOL	SU	0.0	BDL
C310		N-NITROSO-DIMETHYLAMINE		0.0	BDL
C320		ANILINE		0.0	BDL
C315		PHENOL		0.0	BDL
C325		BIS(2-CHLOROETHYL) ETHER		0.0	BDL
C330		2-CHLOROPHENOL		0.0	BDL
C335		1,3-DICHLOROBENZENE		0.0	BDL
C340		1,4-DICHLOROBENZENE		0.0	BDL
C345		BENZYL ALCOHOL		0.0	BDL
C350		1,2-DICHLOROBENZENE		0.0	BDL
C355		2-METHYLPHENOL		0.0	BDL
C360		2,2'-OXYBIS(1-CHLOROPROPANE)		0.0	BDL
C365		4-METHYLPHENOL		0.0	BDL
C370		N-NITROSO-DI-N-PROPYLAMINE		0.0	BDL
C375		HEXACHLOROETHANE		0.0	BDL
C410		NITROBENZENE		0.0	BDL
C415		ISOPHORONE		0.0	BDL
C420		2-NITROPHENOL		0.0	BDL
C425		2,4-DIMETHYLPHENOL		0.0	BDL
C430		BENZOIC ACID		0.0	BDL
C435		BIS(2-CHLOROETHOXY)METHANE		0.0	BDL
C440		2,4-DICHLOROPHENOL		0.0	BDL
C445		1,2,4-TRICHLOROBENZENE		0.0	BDL
C450		NAPHTHALENE		0.0	BDL
C455		4-CHLOROANILINE		0.0	BDL
C460		HEXACHLOROBUTADIENE		0.0	BDL
C465		4-CHLORO-3-METHYLPHENOL		0.0	BDL
C470		2-METHYLNAPHTHALENE		0.0	BDL
C510		HEXACHLOROCYCLOPENTADIENE		0.0	BDL
C515		2,4,6-TRICHLOROPHENOL		0.0	BDL
C520		2,4,5-TRICHLOROPHENOL		0.0	BDL
C525		2-CHLORONAPHTHALENE		0.0	BDL
C530		2-NITROANILINE		0.0	BDL
C535		DIMETHYL PHTHALATE		0.0	BDL
C540		ACENAPHTHYLENE		0.0	BDL
C543		2,6-DINITROTOLUENE		0.0	BDL
C545		3-NITROANILINE		0.0	BDL
C550		ACENAPHTHENE		0.0	BDL
C555		2,4-DINITROPHENOL		0.0	BDL
C560		4-NITROPHENOL		0.0	BDL
C565		DIBENZOFURAN		0.0	BDL

CORRECTED/REVIEWED BY

(GC/MS DATA REVIEWER)

FILE.E4431

PAGE 2

**** SEMIVOLATILE SAMPLE ****

FM	CC		QUANT	REPORTED	DETECT
CODE	ID#	COMPOUND NAME	REPORT	AMOUNT	LIMIT
			VALUE	(UG/L)	(UG/L)
C570		2,4-DINITROTOLUENE	0.0	BDL	5
C580		DIETHYL PHTHALATE	0.0	BDL	5
C585		4-CHLOROPHENYL PHENYL ETHER	0.0	BDL	5
C590		FLUORENE	0.0	BDL	5
C595		4-NITROANILINE	0.1	BDL	25
C620		1,2-DIPHENYLHYDRAZINE	0.0	BDL	5
C610		4,6-DINITRO-2-METHYL PHENOL	0.0	BDL	25
0.0		BDL	3	0.0	BDL
				3	

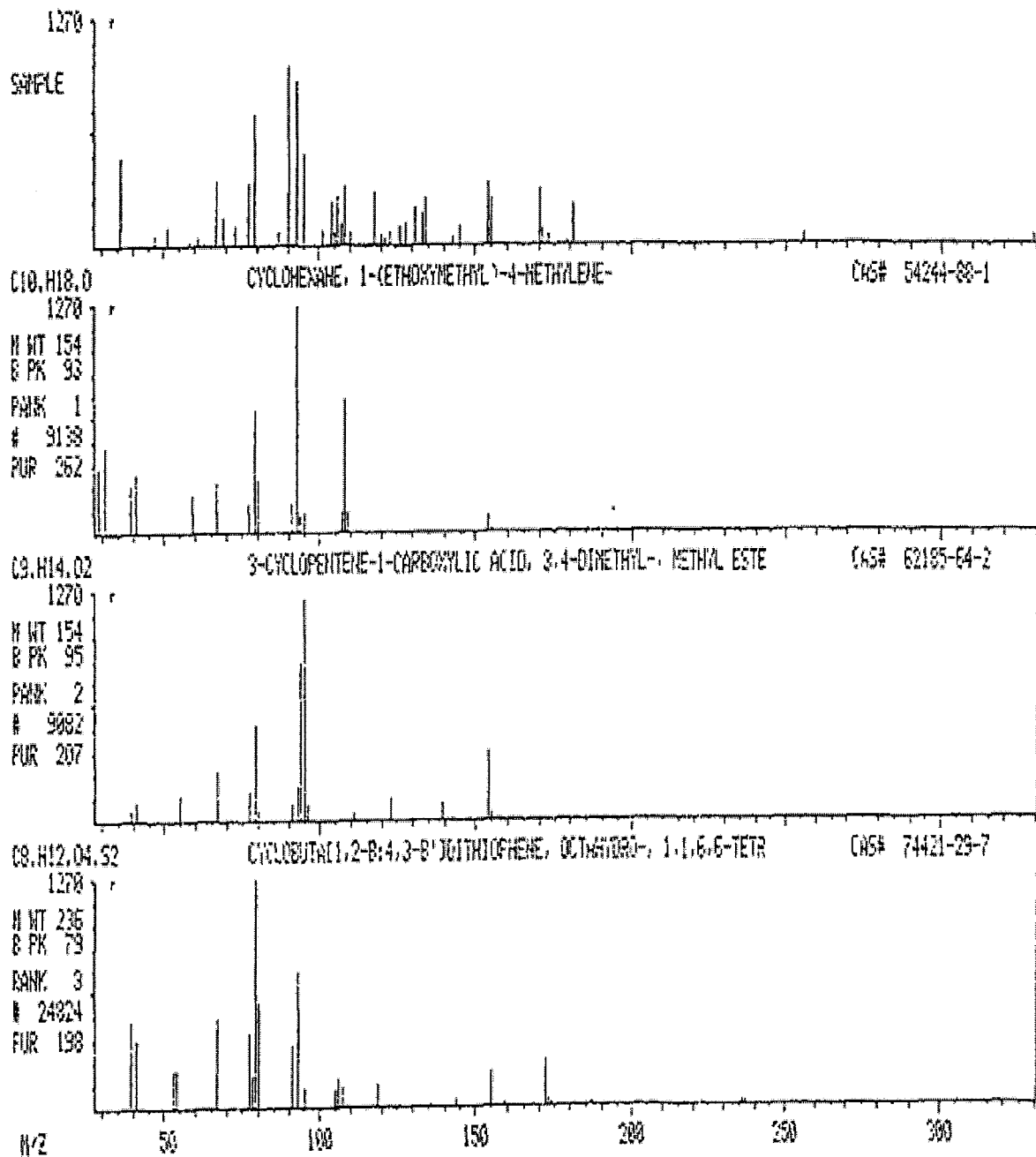
CORRECTED/REVIEWED BY _____
 (GC/MS DATA REVIEWER)

DATE _____

MID LIBRARY SEARCH (LIBRARY#)
11/26/91 10:55:00 + 17:31
SAMPLE: E4451
CONDOS.: BHA
ENHANCED (S 158 21 0T)

DATA: E4451 #1769
CALI: E4451 # 3

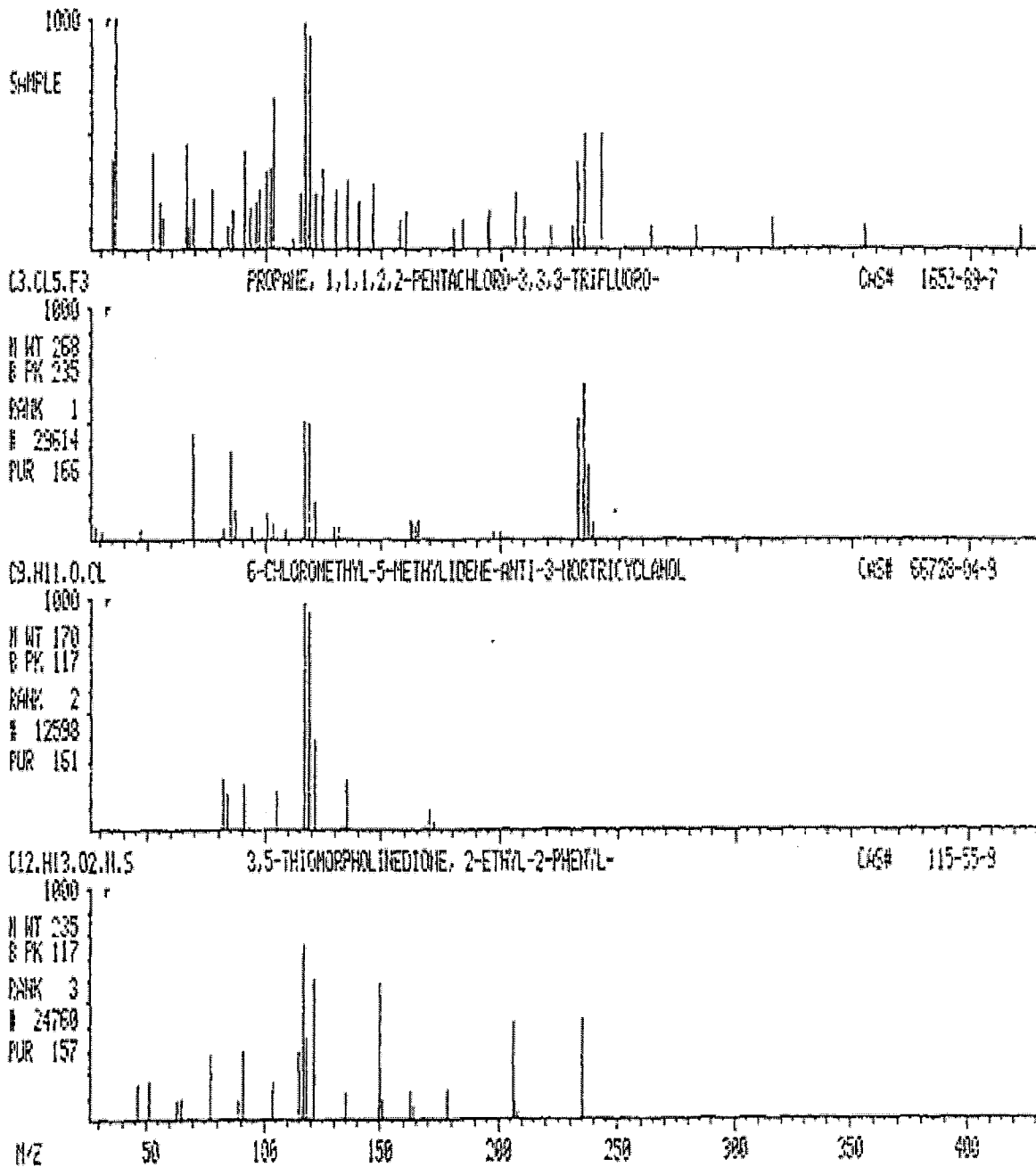
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R1C: 1406.



MTD LIBRARY SEARCH (LIBRARYID)
 11-26-91 10:55:00 + 23:33
 SAMPLE: E4451
 COND.: BWA
 ENHANCED (S 153 21 0T)

DATA: E4451 #2378
 CALL: E4451 # 3

EASE 11/2: 36
 PIC: 677

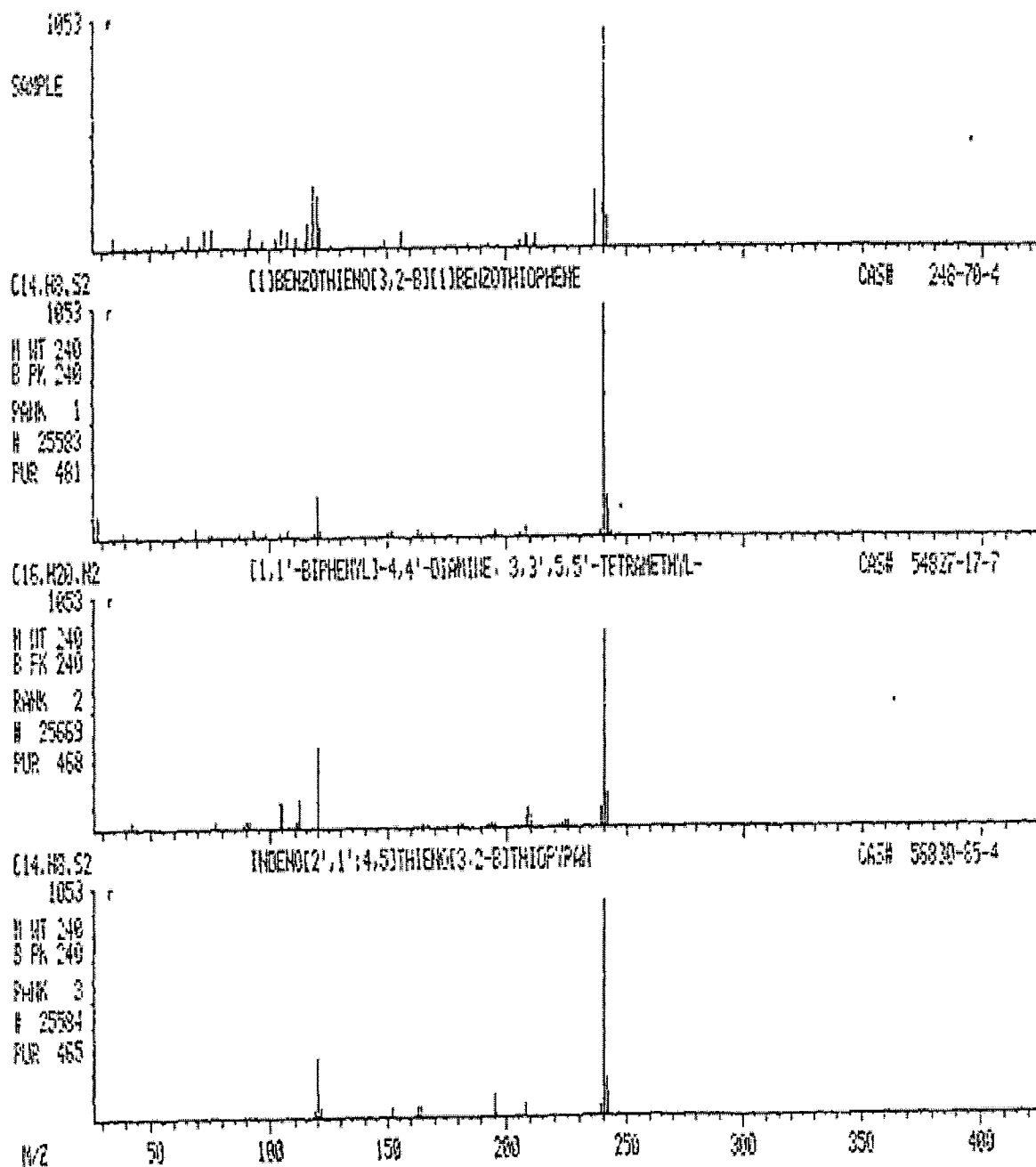


REF ID: A9

01. 12.

CONF.: BIA

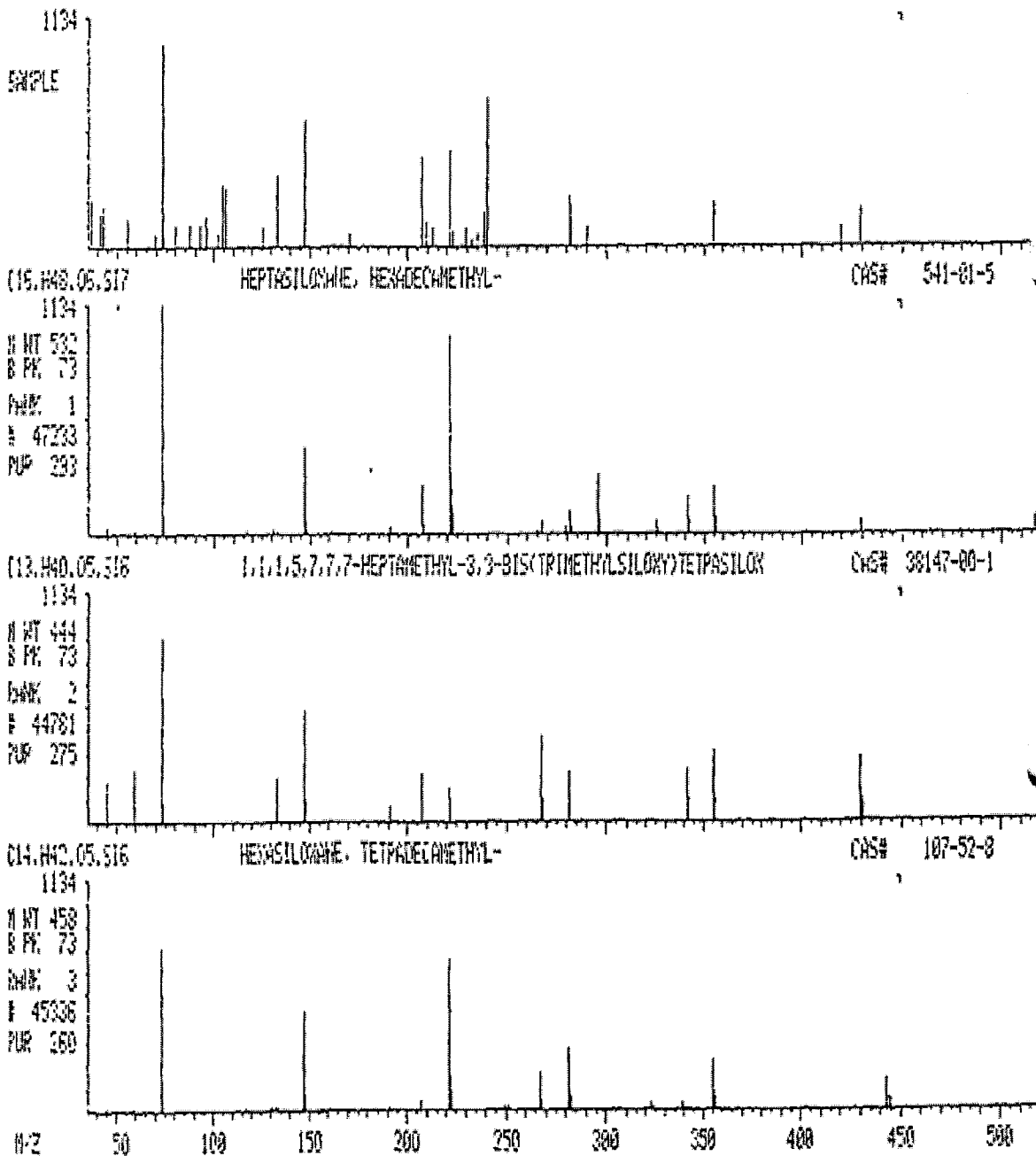
FINANCED (\$ 158 21 07)



MID LIBRARY SEARCH (LIBRARY)E)
 11/26/51 10:56:00 + 23:51
 SAMPLE: E4451
 COND: 1 BIR
 ELIMATED (S 158 2N OT)

DATA: E4451 #2405
 CALI: E4451 # 3

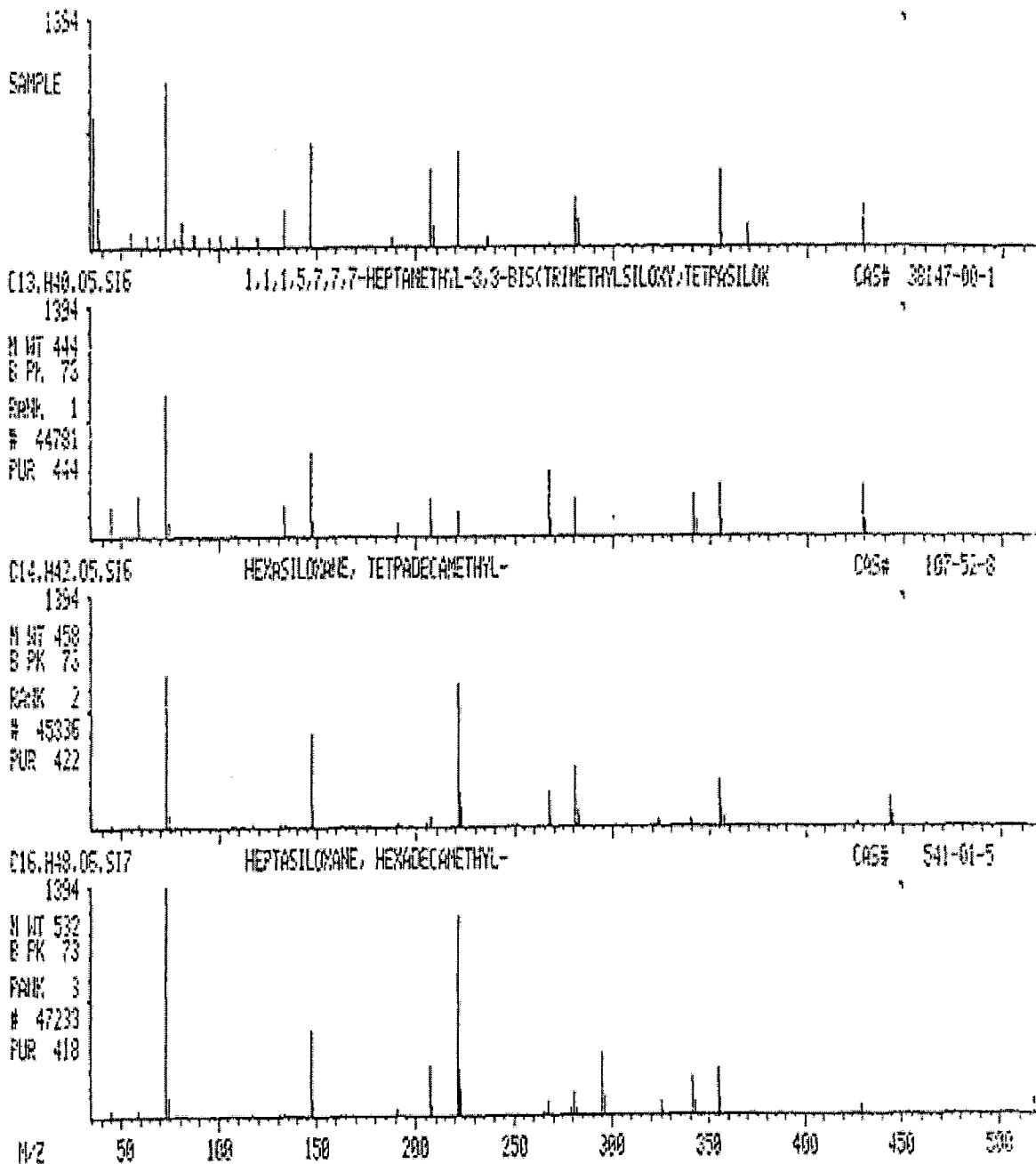
BASE 11/2: 73
 RIC: 597.



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 SAMPLE: E4451
 COMES.: BWA
 ENHANCED (S 150 20 BT)

DATA: E4451 H2501
 CMLT: E4451 # 3

BAGE H/2: 73
 PIC: 640.



MID LIBRARY SEARCH (LIBRARY)

DATA: E4451 #2535

BASE N: 377

11/26/91 10:56:00 + 25:00

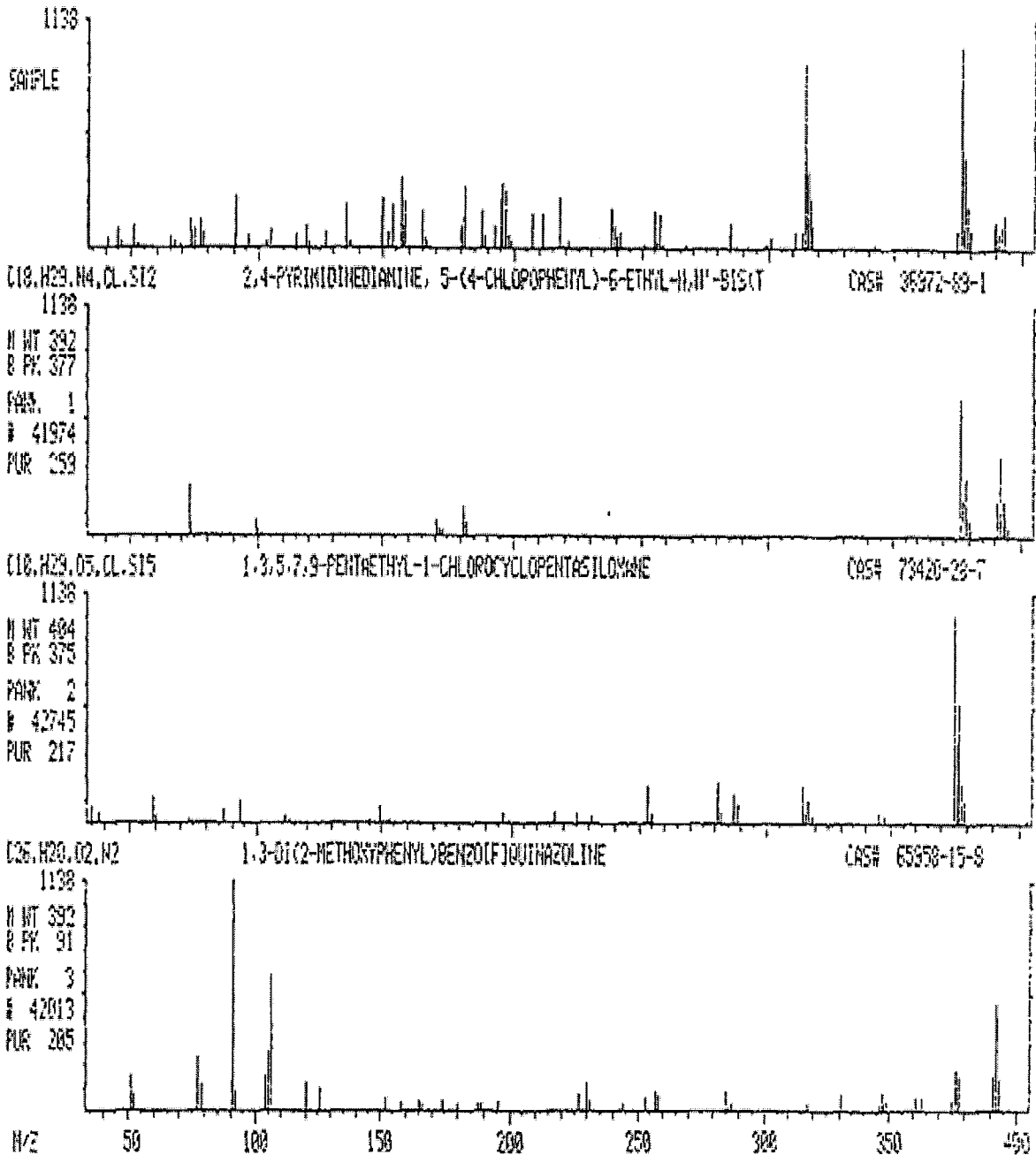
CL: E4451 # 3

PI: 2375.

SAMPLE: E4451

COND: 1 EHM

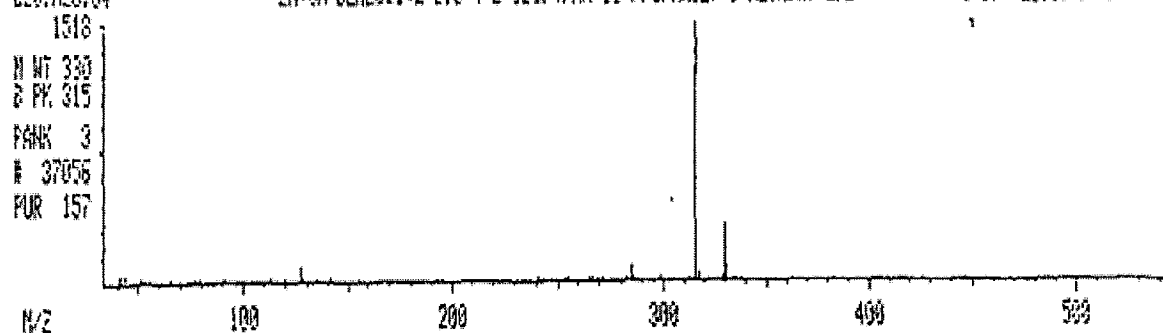
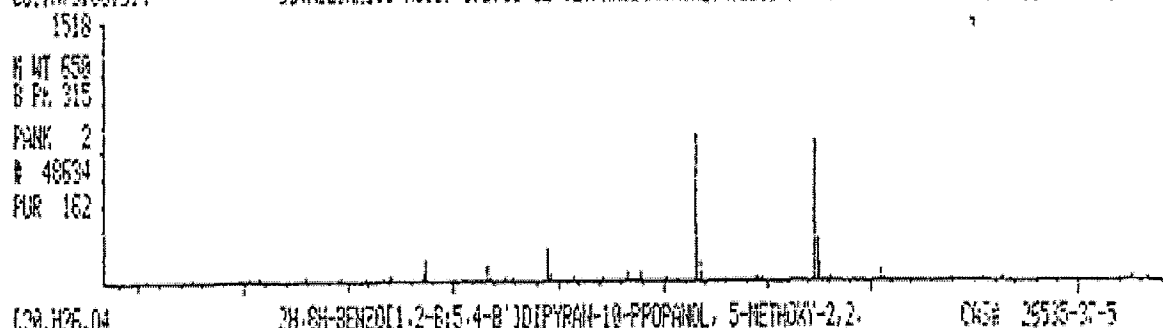
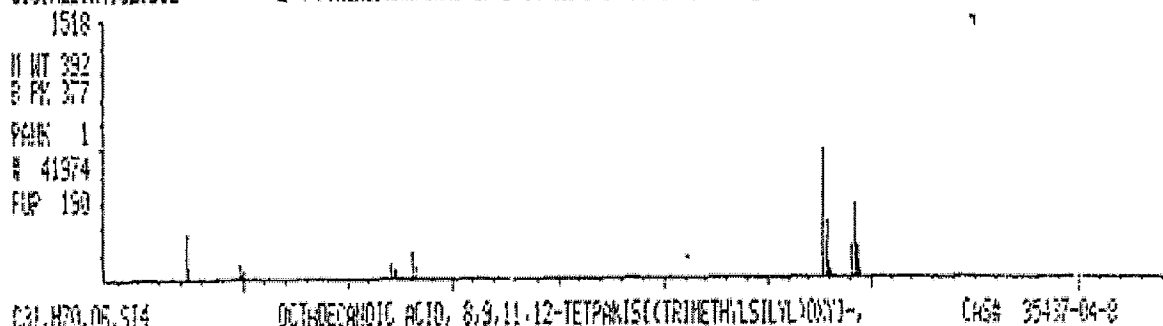
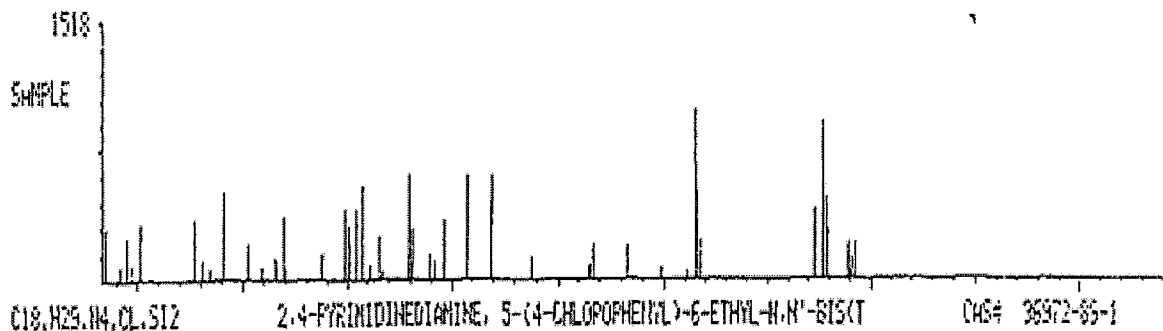
ENHANCED (5 158 21 0T)



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COMES.: BIA
ENHANCED (5 158 31 0T)

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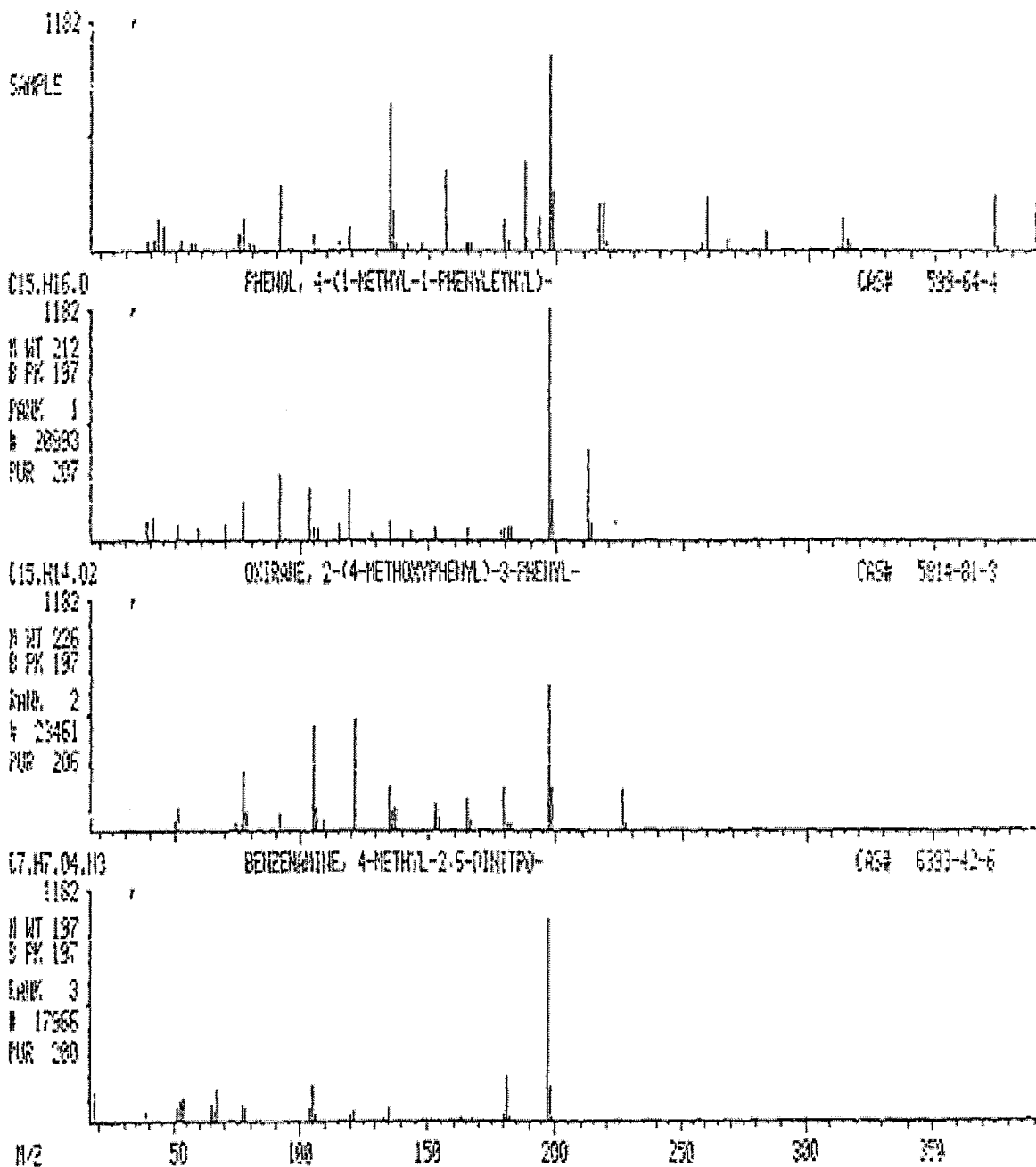
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 SAMPLE: E4451
 CONCS.: BWA
 ENHANCED (S 158 21 0T)

DATA: E4451 N2595
 CALI: E4451 N 3

BASE N/2: 197
 PIC: 1221



HTO LIBRARY SEARCH (LIBRARY)

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BASE N 2: 73

11/26/91 10:55:09 + 35:45

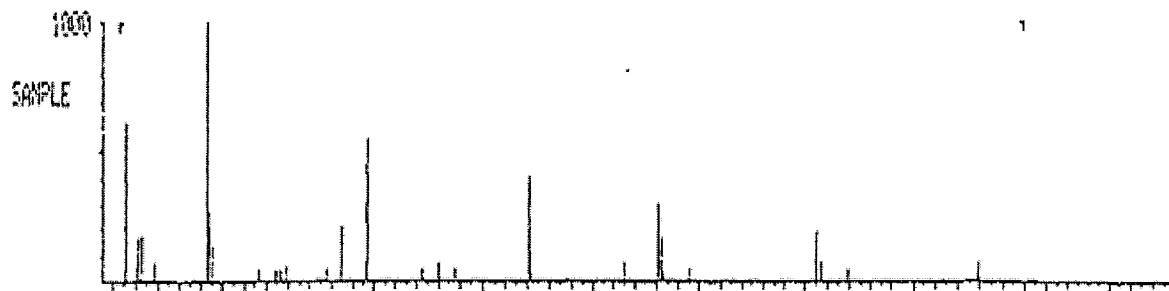
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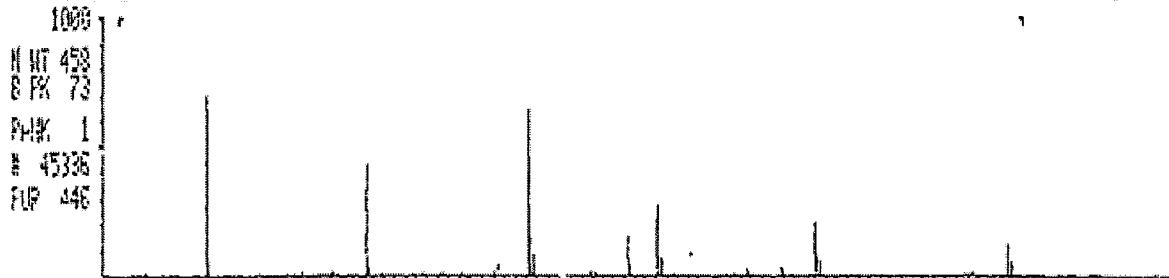
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COND.: 8184

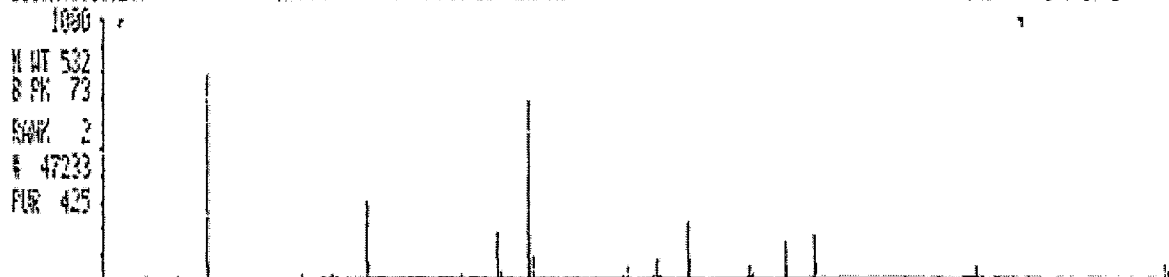
ENHANCED (5 USE 211 GT)



C14.H42.05.S15 HEXASILOXANE, TETRADECAMETHYL- CAS# 107-52-8



C16.H48.05.S17 HEPTASILOXANE, HEXADECAMETHYL- CAS# 541-01-5



C12.H36.04.S15 TRISILOXANE, 1,1,1,5,5,5-HEXAMETHYL-3,3-BIS(TRIMETHYLSILYL) CAS# 3555-47-3

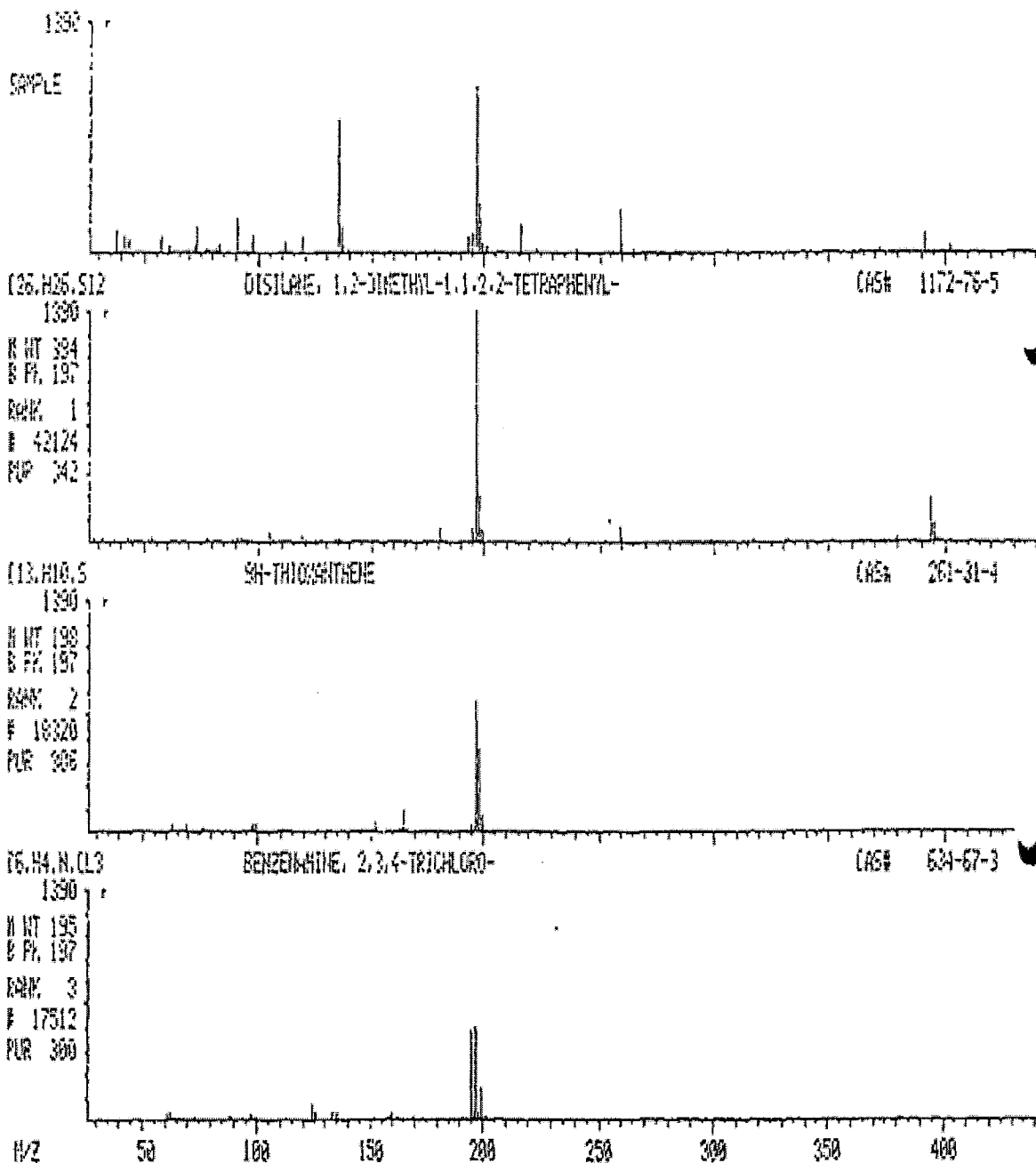


m/z 50 100 150 200 250 300 350 400 450 500

MID LIBRARY SEARCH (LIBRARY)
 11 26 91 10:55:00 + 26:36
 SAMPLE: E4451
 CONDE.: BNA
 ENHANCED (S 156 21 6T)

DATA: E4451 #2687
 CALI: E4451 # 3

BASE 11 2: 197
 PIC: 1070.



PROCEDURE: FILTER/TIC

DIAGNOSTIC REPORT

07/00/00 0 00.00

DATA FILE: E4451

FILTER SCAN PARAMETERS

MAX NUMBER TICS: 10
 11-TABLE ENTRIES: 891
 SCAN TOLERANCE: 7
 MIN. RIC HT. (%): 10
 FIRST SCAN: 300
 LAST SCAN: 3800
 TIC THRESHOLD: 700

METHOD LIBRARY & LISTS

TIC I.S. LIBRARY: LIBRARYB1
 NBS SEARCH PROC: SERLIB
 PEAK FINDER PROC: SNME
 TCA I.S. LL: .NNIS
 FILE NAME LIST: TCAREF2

TARGET COMPOUND ANALYSIS

TARGETS
 (GUAN LIST)
 1

IS
 PEAKS
 6

TOTAL TARGET
 PEAKS
 7

FILTER PROCESSING

←-----REJECT PEAKS-----→							
TOTAL	< 1ST	> LAST	< MIN	< SCAN	> MAX #	TOTAL	TOTAL
PEAKS	SCAN	SCAN	RIC HT	TOL	PEAKS	REJECTS	TICS
59	7	0	34	7	1	49	10

TIC PROCESSING

NO	SCAN#	PURITY	FIT	MW	COMPOUND NAME (BEFORE TIC THRESHOLD)
1	1767	262	640	154	CYCLOHEXANE, 1-(ETHOXYMETHYL)-
2	2370	166	579	260	PROPANE, 1,1,1,2,2-PENTACHLORO
3	2501	401	780	240	1,1-BENZOTHIEND[3,2-B]1,1-BENZOT
4	2409	293	524	532	HEPTASILOXANE, HEXADECAMETHYL-
5	2501	444	612	444	1,1,1,5,7,7,7-HEPTAMETHYL-3,3-
6	2525	259	780	392	2,4-PYRIMIDINEDIAMINE, 5-(4-CH
7	2531	170	685	392	2,4-PYRIMIDINEDIAMINE, 5-(4-CH
8	2595	207	582	212	PHENOL, 4-(1-METHYL-1-PHENYLET
9	2601	446	627	458	HEXASILOXANE, TETRADECAMETHYL-
10	2687	342	505	394	DISILANE, 1,2-DIMETHYL-1,1,2,2

TENTATIVELY IDENTIFIED COMPOUNDS QUANTITATION REPORT AMOUNTS BASED ON AREA

Quantitation Report File: E4451

Data: E4451.TI

11/26/91 10.56.00

Sample: E4451

Conds.: 3NA

Formula:

Submitted by:

Instrument: FINN

Analyst: LK

Weight: 0.000

Acct No.

AMOUNT=AREA * REF AMNT/(REF AREA * RESP FACT)

Resp. fac. from Library Entry

No	CAS #	Name	
1	0-00-0	CI00 1,4-DICHLOROBENZENE D4	INTERNAL STAND
2	0-00-0	CI40 NAPHTHALENE D8	INTERNAL STAND
3	0-00-0	CI50 ACENAPHTHENE D8	INTERNAL STAND
4	0-00-0	CI60 PHENANTHRENE D10	INTERNAL STAND
5	0-00-0	CI70 CHRYSENE D12	INTERNAL STAND
6	0-00-0	CI75 PERYLENE D12	INTERNAL STAND
7	0-00-0	UNKNOWN	
8	0-00-0	UNKNOWN	
9	0-00-0	UNKNOWN	
10	0-00-0	UNKNOWN	
11	0-00-0	UNKNOWN	
12	0-00-0	UNKNOWN	
13	0-00-0	UNKNOWN	

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	ZTot
1	TOT	775	7.40	1	1.000	A BB	101395	40.000 NG	14.29
2	TOT	1039	10.17	2	1.000	A BB	118813	40.000 NG	14.29
3	TOT	1428	14.08	3	1.000	A BB	191306	40.000 NG	14.29
4	TOT	1766	17.27	4	1.000	A BB	130711	40.000 NG	14.29
5	TOT	2374	23.30	5	1.000	A BB	35519	40.000 NG	14.29
6	TOT	2725	26.37	6	1.000	A BB	18468	40.000 NG	14.29
7	TOT	1766	17.27	4	1.000	A BB	34099	10.435	3.73
8	TOT	2408	23.51	5	1.014	A BB	1361	1.533	0.55
9	TOT	2502	24.46	5	1.054	A BB	1220	1.374	0.49
10	TOT	2525	25.00	5	1.064	A BB	5806	6.629	2.37
11	TOT	2595	25.42	6	0.952	A BB	3279	7.102	2.54
12	TOT	2600	25.45	6	0.954	A BB	1695	3.671	1.31
13	TOT	2688	26.37	6	0.986	A BB	4241	9.166	3.28

TENTATIVELY IDENTIFIED COMPOUNDS QUANTITATION REPORT: AMOUNTS BASED ON HEIGHT

Quantitation Report File: E4431

Data: E4451.T1

11/26/91 10 56 00

Sample: E4451

Conds.: BNA

Formula:

Submitted by:

Instrument: FINN

Analyst: LK

Weight: 0.000

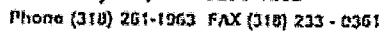
Acct. No.:

AMOUNT=HEIGHT * REF AMNT/(REF HEIGHT * RESP FACT)

Resp. fac. from Library Entry

No	CAS #	Name	
1	0-00-0	C130 1,4-DICHLOROBENZENE D4	INTERNAL STAND
2	0-00-0	C140 NAPHTHALENE D0	INTERNAL STAND
3	0-00-0	C150 ACENAPHTHENE D0	INTERNAL STAND
4	0-00-0	C160 PHENANTHRENE D10	INTERNAL STAND
5	0-00-0	C170 CHRYSENE D12	INTERNAL STAND
6	0-00-0	C175 PERYLENE D12	INTERNAL STAND
7	0-00-0	UNKNOWN	
8	0-00-0	UNKNOWN	
9	0-00-0	UNKNOWN	
10	0-00-0	UNKNOWN	
11	0-00-0	UNKNOWN	
12	0-00-0	UNKNOWN	
13	0-00-0	UNKNOWN	

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	ZTot
1	TOT	775	7:40	1	1.000	A BB	23160 *	40.000 NG	12.06
2	TOT	1039	10:17	2	1.000	A BB	25344 *	40.000 NG	12.06
3	TOT	1428	14:08	3	1.000	A BB	43392 *	40.000 NG	12.06
4	TOT	1766	17:29	4	1.000	A BB	17483 *	40.000 NG	12.06
5	TOT	2374	23:30	5	1.000	A BB	2760 *	40.000 NG	12.06
6	TOT	2725	26:59	6	1.000	A BB	1150 *	40.000 NG	12.06
7	TOT	1766	17:29	4	1.000	A BB	4871 *	10.000	3.02
8	TOT	2408	23:51	5	1.014	A BB	304 *	4.401	1.33
9	TOT	2502	24:46	5	1.054	A BB	362 *	5.250	1.58
10	TOT	2525	25:00	5	1.064	A BB	880 *	12.750	3.84
11	TOT	2595	25:42	6	0.952	A BB	556 *	19.339	5.83
12	TOT	2600	25:45	6	0.954	A BB	378 *	13.162	3.97
13	TOT	2688	26:37	6	0.986	A BB	769 *	26.759	8.07



Project Location, Los Angeles, CA

Date. 11/15/91

Relinquished By:

Date/Time:

Relinquished By

Date/Time:

Analysis Due. Verbal

Received By:

Date/Time:

Received By:

Date/Time:

Written:



SOUTHERN PETROLEUM LABORATORIES, INC

LAFAYETTE
P.O. BOX 31203
LA 70593-1203
PHONE 318 984-2314

Certificate of Analysis No. X1127309

HYDRO-ENVIRONMENTAL TECHNOLOGY, INC.
P. O. BOX 31203
LAFAYETTE, LA 70593-1203

12-04-91

Project No: 1051.03
Project: CITY OF LAFAYETTE
Site: LAFAYETTE, LA
Sample No: SB1 5'-6'
Sample of: SOIL
Sampled by: HYDRO-ENVIRONMENTAL TECHNOLOGY, INC.
Sample Date: 11-26-91, 01:35 PM
Date Received: 11-26-91

ANALYTICAL RESULTS

PARAMETER	RESULTS	PQL*
Benzene	ND mg/kg	0.0200 mg/kg
Toluene	ND mg/kg	0.0200 mg/kg
Ethylbenzene	ND mg/kg	0.0200 mg/kg
Xylenes	ND mg/kg	0.0200 mg/kg
Method-5030/8020 [SW846]		

Total Petroleum Hydrocarbons	19 mg/kg	6.7 mg/kg
Method-Mod. 418.1 [EPA Wtr&Wst]		

HTPX ANALYZED BY : M. STEWEART DATE/TIME: 11-30-91, 06:19 PM

TPH ANALYZED BY : R. BOGER DATE/TIME: 11-30-91, 10:00 PM
TPH EXTRACTED BY : R. BOGER DATE/TIME: 11-30-91, 05:00 PM

Notes: * Practical Quantitation Limit
ND = Not Detected. NA = Not Analyzed.

QUALITY ASSURANCE: This analysis was performed in accordance with EPA guidelines for analysis and quality control.

SPL, Incorporated

C. A. Guardia



SOUTHERN PETROLEUM LABORATORIES, INC.

LAFAYETTE
 P.O. BOX 11150
 THE 70503-1150
 PHONE 338 984-2374

Certificate of Analysis No. X1127309

HYDRO ENVIRONMENTAL TECHNOLOGY
 104 SAVONNE DRIVE
 SCOTT, LA 70583

12-18-91

Location/Field: CITY OF LAFAYETTE - PROJECT 1051.03
 Sample of: SOIL
 Sample point: SB1 (5 - 6 FT.)
 Sampled by: HYDRO ENVIRONMENTAL
 Sample Date: 11-26-91, 01:35 PM

TOTAL METALS

Parameter	Method	Results	Det	Lim	Analyst	Date/Time Analyzed
GENIC	7060	8.4	mg/kg	0.1	K. GRIZZAFFI	12-04-91, 02:00 PM
PIUM	3050/7030	175	mg/kg	10	M. BERGERON	12-10-91, 06:30 AM
ADIUM	3050/7130	1.7	mg/kg	0.5	M. BERGERON	12-09-91, 11:00 AM
ROMIUM	3050/7190	10	mg/kg	5	M. BERGERON	12-09-91, 09:00 AM
AD	3050/7420	513	mg/kg	10	M. BERGERON	12-05-91, 09:30 AM
RCURY	7471	1.859	mg/kg	0.004	M. BERGERON	12-11-91, 09:00 AM
LENIUM	7740	0.2	mg/kg	0.2	C. CALAIS	12-05-91, 07:00 AM
ILVER	7760	1	mg/kg	1	M. BERGERON	12-11-91, 01:00 PM

Ref: Test Methods for Evaluating Solid Waste, EPA SW846, 1986

ND = Parameter analyzed for but not detected. The reported limit is the minimum attainable detection limit for the sample.

Quality Assurance: These analyses are performed in accordance with EPA guidelines for Quality Assurance.

NOTE: Analytical results reported as Dry Weight.

SPL, Incorporated

C. A. Guardia



SOUTHERN PETROLEUM LABORATORIES, INC.
Certificate of Analysis No. X1127309

LAFAYETTE
P.O. BOX 31203
LA 70593-1203
PHONE 504 944 2374

HYDRO-ENVIRONMENTAL TECHNOLOGY, INC.
P. O. BOX 31203
LAFAYETTE, LA 70593-1203

12-04-91

Project No: 1051.03
Project: CITY OF LAFAYETTE
Site: LAFAYETTE, LA
Sample No: SH1 5'-6'
Sample of: SOIL
Sampled by: HYDRO-ENVIRONMENTAL TECHNOLOGY, INC.
Sample Date: 11-26-91, 01:35 PM Date Received: 11-26-91

PARAMETER	RESULTS	MDL*
Dichlorodifluoromethane	ND	0.10 ug/kg
Chloromethane	ND	0.08 ug/kg
Vinyl Chloride	ND	0.18 ug/kg
Bromomethane	ND	0.10 ug/kg
Chloroethane	ND	0.52 ug/kg
Trichlorofluoromethane	ND	0.10 ug/kg
1,1-Dichloroethane	ND	0.13 ug/kg
Methylene Chloride	ND	0.08 ug/kg
Trans-1,2-Dichloroethane	ND	0.10 ug/kg
1,1-Dichloroethane	ND	0.07 ug/kg
Chloroform	ND	0.05 ug/kg
1,1,1-Trichloroethane	ND	0.03 ug/kg
Carbon Tetrachloride	ND	0.12 ug/kg
1,2-Dichloroethane	ND	0.03 ug/kg
Trichloroethene	ND	0.12 ug/kg
1,2-Dichloropropane	ND	0.04 ug/kg
Bromodichloromethane	ND	0.10 ug/kg
2-Chloroethyl Vinyl Ether	ND	0.13 ug/kg
Cis-1,3-Dichloropropene	ND	0.10 ug/kg
Trans-1,3-Dichloropropene	ND	0.34 ug/kg
1,1,2-Trichloroethane	ND	0.02 ug/kg
Tetrachloroethene	ND	0.03 ug/kg
Dibromochloromethane	ND	0.09 ug/kg
Chlorobenzene	ND	0.25 ug/kg
Bromoform	ND	0.20 ug/kg
1,1,2,2-Tetrachloroethane	ND	0.03 ug/kg
1,3-Dichlorobenzene	ND	0.32 ug/kg
1,4-Dichlorobenzene	ND	0.24 ug/kg
1,2-Dichlorobenzene	ND	0.15 ug/kg

ANALYZED BY: D. CORMIER DATE/TIME: 11-27-91, 09:18 PM
METHOD: 5030/8010 [SW 846] - Purgeable Halocarbons
Notes: * Method Detection Limit ND = Not Detected, NA = Not Analyzed.
QUALITY ASSURANCE: This analysis was performed in accordance with EPA
guidelines for analysis and quality control.
SPL, Incorporated

[Signature]



SOUTHERN PETROLEUM LABORATORIES, INC.

LAFAYETTE
P.O. BOX 31203
ZIP 70593-1203
PHONE 318 584 2374

Certificate of Analysis No. X1127310

HYDRO-ENVIRONMENTAL TECHNOLOGY, INC.
P. O. BOX 31203
LAFAYETTE, LA 70593-1203

12-04-91

Project No: 1051.03
Project: CITY OF LAFAYETTE
Site: LAFAYETTE, LA
Sample No: S02 0'-1'
Sample of: SOIL
Sampled by: HYDRO-ENVIRONMENTAL TECHNOLOGY, INC.
Sample Date: 11-26-91, 01:50 PM
Date Received: 11-26-91

ANALYTICAL RESULTS

PARAMETER	RESULTS	PQL*
Benzene	ND mg/kg	0.0200 mg/kg
Toluene	ND mg/kg	0.0200 mg/kg
Ethylbenzene	ND mg/kg	0.0200 mg/kg
Xylenes	ND mg/kg	0.0200 mg/kg
Method-5030/8020 [SW846]		
Total Petroleum Hydrocarbons	120 mg/kg	6.7 mg/kg
Method-Mod.413.1 [EPA Wtr&Wst]		

BTEX ANALYZED BY : M. STEWART DATE/TIME: 11-30-91, 06:44 PM

TPH ANALYZED BY : R. BOGER DATE/TIME: 11-30-91, 10:00 PM
TPH EXTRACTED BY : R. BOGER DATE/TIME: 11-30-91, 05:00 PM

Notes: * Practical Quantitation Limit
ND = Not Detected. NA = Not Analyzed.

QUALITY ASSURANCE: This analysis was performed in accordance with EPA guidelines for analysis and quality control.

SPL, Incorporated

C. A. Guardia



SOUTHERN PETROLEUM LABORATORIES, INC.

LAFAYETTE
P.O. BOX 31780
LA 70593-1780
PHONE 318 464 2374

Certificate of Analysis No. X1127310

HYDRO ENVIRONMENTAL TECHNOLOGY
104 SAVONNE DRIVE
SCOTT, LA 70583

12-18-91

Location/Field: CITY OF LAFAYETTE - PROJECT 1051.03
Sample of: SOIL
Sample point: SB2 (0 - 1 FT.)
Sampled by: HYDRO ENVIRONMENTAL
Sample Date: 11-26-91, 01:50 PM

TOTAL METALS

Parameter	Method	Results	Det Limit	Analyst	Date/Time Analyzed
ARSENIC	7060	19.5	mg/kg 0.1	K. CRIZZAFFI	12-04-91, 02:00 PM
ARIUM	3050/7080	194	mg/kg 10	M. BERGERON	12-10-91, 06:30 AM
ADMUM	3050/7130	1.5	mg/kg 0.5	M. BERGERON	12-09-91, 11:00 AM
IRONIUM	3050/7190	11	mg/kg 5	M. BERGERON	12-09-91, 09:00 AM
LEAD	3050/7420	461	mg/kg 10	M. BERGERON	12-05-91, 09:30 AM
MERCURY	7471	0.064	mg/kg 0.004	M. BERGERON	12-11-91, 09:00 AM
ELENIUM	7740	1.0	mg/kg 0.2	C. CALAIS	12-05-91, 07:00 AM
ILVER	7760	1	mg/kg 1	M. BERGERON	12-11-91, 01:00 PM

Ref: Test Methods for Evaluating Solid Waste, EPA SW846, 1986

ND = Parameter analyzed for but not detected. The reported limit is the minimum attainable detection limit for the sample.

Quality Assurance: These analyses are performed in accordance with EPA guidelines for Quality Assurance.

NOTE: Analytical results reported as Dry Weight.

SPL, Incorporated

C. A. Guardia



SOUTHERN PETROLEUM LABORATORIES, INC.
Certificate of Analysis No. X1127310

LAFAYETTE
P.O. BOX 11780
LA 70593-1180
PHONE 318 984-2374

HYDRO-ENVIRONMENTAL TECHNOLOGY, INC.
P. O. BOX 31203
LAFAYETTE, LA 70593-1203

12-04-91

Project No: 1051.03
Project: CITY OF LAFAYETTE
Site: LAFAYETTE, LA
Sample No: SB2 0'-1'
Sample of: SOIL
Sampled by: HYDRO-ENVIRONMENTAL TECHNOLOGY, INC.
Sample Date: 11-26-91, 01:50 PM Date Received: 11-26-91

PARAMETER	RESULTS	MDL*
Dichlorodifluoromethane	ND	0.10 ug/kg
Chloromethane	ND	0.08 ug/kg
Vinyl Chloride	ND	0.18 ug/kg
Bromomethane	ND	0.10 ug/kg
Chloroethane	ND	0.52 ug/kg
Trichlorofluoromethane	ND	0.10 ug/kg
1,1-Dichloroethene	ND	0.13 ug/kg
Methylene Chloride	ND	0.08 ug/kg
Trans-1,2-Dichloroethene	ND	0.10 ug/kg
1,1-Dichloroethane	ND	0.07 ug/kg
Chloroform	ND	0.05 ug/kg
1,1,1-Trichloroethane	ND	0.03 ug/kg
Carbon Tetrachloride	ND	0.12 ug/kg
1,2-Dichloroethane	ND	0.03 ug/kg
Trichloroethene	ND	0.12 ug/kg
1,2-Dichloropropane	ND	0.04 ug/kg
Bromodichloromethane	ND	0.10 ug/kg
2-Chloroethyl Vinyl Ether	ND	0.13 ug/kg
Cis-1,3-Dichloropropene	ND	0.10 ug/kg
Trans-1,3-Dichloropropene	ND	0.34 ug/kg
1,1,2-Trichloroethane	ND	0.02 ug/kg
Tetrachloroethene	ND	0.03 ug/kg
Dibromochloromethane	ND	0.09 ug/kg
Chlorobenzene	ND	0.25 ug/kg
Bromoform	ND	0.20 ug/kg
1,1,2,2-Tetrachloroethane	ND	0.03 ug/kg
1,3-Dichlorobenzene	ND	0.32 ug/kg
1,4-Dichlorobenzene	ND	0.24 ug/kg
1,2-Dichlorobenzene	ND	0.15 ug/kg

ANALYZED BY: D. CORMIER DATE/TIME: 12-03-91, 08:32 AM
METHOD-5030/8010 [SW 846] - Purgeable Halocarbons
Notes: * Method Detection Limit ND = Not Detected. NA = Not Analyzed.
QUALITY ASSURANCE: This analysis was performed in accordance with EPA guidelines for analysis and quality control.
SPL, Incorporated

[Signature]



SOUTHERN PETROLEUM LABORATORIES, INC.

LAFAYETTE
 P.O. BOX 31203
 ZIP 70593-1203
 PHONE 318 984 2324

Certificate of Analysis No. K1127318

HYDRO-ENVIRONMENTAL TECHNOLOGY, INC.
 P. O. BOX 31203
 LAFAYETTE, LA 70593-1203

12-04-91

Project No: 1051.03
 Project: CITY OF LAFAYETTE
 Site: LAFAYETTE, LA
 Sample No: SD2 1.5'-2.5'
 Sample of: SOIL
 Sampled by: HYDRO-ENVIRONMENTAL TECHNOLOGY, INC.
 Sample Date: 11-26-91, 01:55 PM
 Date Received: 11-26-91

ANALYTICAL RESULTS

PARAMETER	RESULTS	PQL*
Benzene	ND mg/kg	0.0200 mg/kg
Toluene	ND mg/kg	0.0200 mg/kg
Ethylbenzene	ND mg/kg	0.0200 mg/kg
Xylenes	ND mg/kg	0.0200 mg/kg
Method-5030/8020 [SW846]		
Total Petroleum Hydrocarbons	ND mg/kg	6.7 mg/kg
Method-Mod.418.1 [EPA Wtr&Wst]		

BTX ANALYZED BY : M. STEWART DATE/TIME: 11-30-91, 11:18 PM

TPH ANALYZED BY : R. BOGER DATE/TIME: 11-30-91, 10:00 PM
 TPH EXTRACTED BY : R. BOGER DATE/TIME: 11-30-91, 05:00 PM

Notes: * Practical Quantitation Limit
 ND = Not Detected. NA = Not Analyzed.

QUALITY ASSURANCE: This analysis was performed in accordance with EPA guidelines for analysis and quality control.

SPL, Incorporated

C. A. Guardia



SOUTHERN PETROLEUM LABORATORIES, INC.

LAFAYETTE
P.O. BOX 11760
ZIP 70593-1180
PHONE 318 984 2374

Certificate of Analysis No. X1127318

HYDRO ENVIRONMENTAL TECHNOLOGY
104 SAVONNE DRIVE
SCOTT, LA 70583

12-18-91

Location/Field: CITY OF LAFAYETTE - PROJECT 1051.03
Sample of: SOIL
Sample point: SD2 (1.5 - 2.5 FT.)
Sampled by: HYDRO ENVIRONMENTAL
Sample Date: 11-26-91, 03:55 PM

TOTAL METALS

Parameter	Method	Results	Det Limit	Analyst	Date/Time Analyzed
ARSENIC	7060	7.1	mg/kg 0.1	K. CRIZZAFFI	12-04-91, 02:00 PM
ARIUM	3050/7080	135	mg/kg 10	M. BERGERON	12-10-91, 06:30 AM
ADMIUM	3050/7130	1.4	mg/kg 0.5	M. BERGERON	12-09-91, 11:00 AM
HIROMIUM	3050/7190	10	mg/kg 5	M. BERGERON	12-09-91, 09:00 AM
EAD	3050/7420	14	mg/kg 10	M. BERGERON	12-05-91, 09:30 AM
CRURRY	7471	0.044	mg/kg 0.004	M. BERGERON	12-11-91, 09:00 AM
ELENIUM	7740	0.6	mg/kg 0.2	C. CALAIS	12-05-91, 07:00 AM
ILVER	7760	3	mg/kg 1	M. BERGERON	12-11-91, 01:00 PM

Ref: Test Methods for Evaluating Solid Waste, EPA SW846, 1986

ND = Parameter analyzed for but not detected. The reported limit is the minimum attainable detection limit for the sample.

Quality Assurance: These analyses are performed in accordance with EPA guidelines for Quality Assurance.

NOTE: Analytical results reported as Dry Weight.

SPL, Incorporated

C. A. Guardia



SOUTHERN PETROLEUM LABORATORIES, INC.
Certificate of Analysis No. X1127318

LAFAYETTE
P.O. BOX 31780
70170-5931
PHONE 318 984 2374

HYDRO-ENVIRONMENTAL TECHNOLOGY, INC.
P. O. BOX 31203
LAFAYETTE, LA 70593-1203

12-04-91

Project No: 1051.03
Project: CITY OF LAFAYETTE
Site: LAFAYETTE, LA
Sample No: SD2 1.5'-2.5'
Sample of: SOIL
Sampled by: HYDRO-ENVIRONMENTAL TECHNOLOGY, INC.
Sample Date: 11-26-91, 01:55 PM Date Received: 11-26-91

PARAMETER	RESULTS	MDL*
Dichlorodifluoromethane	ND	0.10 ug/kg
Chloromethane	ND	0.08 ug/kg
Vinyl Chloride	ND	0.18 ug/kg
Bromomethane	ND	0.10 ug/kg
Chloroethane	ND	0.52 ug/kg
Trichlorofluoromethane	ND	0.10 ug/kg
1,1-Dichloroethene	ND	0.13 ug/kg
Methylene Chloride	ND	0.08 ug/kg
Trans-1,2-Dichloroethene	ND	0.10 ug/kg
1,1-Dichloroethane	ND	0.07 ug/kg
Chloroform	ND	0.05 ug/kg
1,1,1-Trichloroethane	ND	0.03 ug/kg
Carbon Tetrachloride	ND	0.12 ug/kg
1,2-Dichloroethane	ND	0.03 ug/kg
Trichloroethene	ND	0.12 ug/kg
1,2-Dichloropropane	ND	0.04 ug/kg
Bromodichloromethane	ND	0.10 ug/kg
2-Chloroethyl Vinyl Ether	ND	0.13 ug/kg
Cis-1,3-Dichloropropene	ND	0.10 ug/kg
Trans-1,3-Dichloropropene	ND	0.34 ug/kg
1,1,2-Trichloroethane	ND	0.02 ug/kg
Tetrachloroethene	ND	0.03 ug/kg
Dibromochloromethane	ND	0.09 ug/kg
Chlorobenzene	ND	0.25 ug/kg
Bromoform	ND	0.20 ug/kg
1,1,2,2-Tetrachloroethane	ND	0.03 ug/kg
1,3-Dichlorobenzene	ND	0.32 ug/kg
1,4-Dichlorobenzene	ND	0.24 ug/kg
1,2-Dichlorobenzene	ND	0.15 ug/kg

ANALYZED BY: D. CORMIER DATE/TIME: 11-28-91, 07:19 AM
METHOD-5030/8010 [SW 846] - Purgeable Halocarbons
Notes: * Method Detection Limit ND = Not Detected. NA = Not Analyzed.
QUALITY ASSURANCE: This analysis was performed in accordance with EPA guidelines for analysis and quality control.
SPL, Incorporated



SOUTHERN PETROLEUM LABORATORIES, INC.

LAFAYETTE
P.O. BOX 11780
THE 70593-1780
PHONE 318 984 2374

Certificate of Analysis No. X1127311

HYDRO-ENVIRONMENTAL TECHNOLOGY, INC.
P. O. BOX 31203
LAFAYETTE, LA 70593-1203

12-04-91

Project No: 1051.03
Project: CITY OF LAFAYETTE
Site: LAFAYETTE, LA
Sample No: SB3 1.5'-2.5'
Sample of: SOIL
Sampled by: HYDRO-ENVIRONMENTAL TECHNOLOGY, INC.
Sample Date: 11-26-91, 02:05 PM
Date Received: 11-26-91

ANALYTICAL RESULTS

PARAMETER	RESULTS	PQL*
Benzene	ND mg/kg	0.0200 mg/kg
Toluene	ND mg/kg	0.0200 mg/kg
Ethylbenzene	ND mg/kg	0.0200 mg/kg
Xylenes	ND mg/kg	0.0200 mg/kg
Method-5030/8020 [SW846]		
Total Petroleum Hydrocarbons	18 mg/kg	6.7 mg/kg
Method-Mod.418.1 [EPA Wtr&Wst]		

NTEX ANALYZED BY : M. STEWART DATE/TIME: 11-30-91, 08:24 PM

TPH ANALYZED BY : R. BOGER DATE/TIME: 11-30-91, 10:00 PM
TPH EXTRACTED BY : R. BOGER DATE/TIME: 11-30-91, 05:00 PMNotes: * Practical Quantitation Limit
ND = Not Detected. NA = Not Analyzed.

QUALITY ASSURANCE: This analysis was performed in accordance with EPA guidelines for analysis and quality control.

SPL, Incorporated

C. A. Guardia



SOUTHERN PETROLEUM LABORATORIES, INC.

 LAFAYETTE
 P.O. BOX 31780
 ZIP 70503-1780
 PHONE 318 964-2374

Certificate of Analysis No. X1127311

 HYDRO ENVIRONMENTAL TECHNOLOGY
 104 SAVONNE DRIVE
 SCOTT, LA 70583

12-18-91

 Location/Field: CITY OF LAFAYETTE - PROJECT 1051.03
 Sample of: SOIL
 Sample point: SB3 (1.5 - 2.5 FT.)
 Sampled by: HYDRO ENVIRONMENTAL
 Sample Date: 11-26-91, 02:05 PM

TOTAL METALS

Parameter	Method	Results	Det Lmt	Analyst	Date/Time Analyzed
ARSENIC	7060	3.8 mg/kg	0.1	K. CRIZZAFFI	12-04-91, 02:00 PM
BARIUM	3050/7080	137 mg/kg	10	M. BERGERON	12-10-91, 06:30 AM
ADMIUM	3050/7120	1.7 mg/kg	0.5	M. BERGERON	12-09-91, 11:00 AM
BROMIUM	3050/7190	11 mg/kg	5	M. BERGERON	12-09-91, 09:00 AM
LEAD	3050/7420	37 mg/kg	10	M. BERGERON	12-05-91, 09:30 AM
MERCURY	7471	0.172 mg/kg	0.004	M. BERGERON	12-11-91, 09:00 AM
ELENIUM	7740	ND mg/kg	0.2	C. CALAIS	12-05-91, 07:00 AM
SILVER	7760	1 mg/kg	1	M. BERGERON	12-11-91, 01:00 PM

Ref: Test Methods for Evaluating Solid Waste, EPA SW846, 1986

ND = Parameter analyzed for but not detected. The reported limit is the minimum attainable detection limit for the sample.

Quality Assurance: These analyses are performed in accordance with EPA guidelines for Quality Assurance.

NOTE: Analytical results reported as Dry Weight.

SPL, Incorporated

 C. A. Guardia



SOUTHERN PETROLEUM LABORATORIES, INC.
Certificate of Analysis No. X1127311

LAFAYETTE
P.O. BOX 31203
LA 70593-1203
PHONE: 318 954-2374

HYDRO-ENVIRONMENTAL TECHNOLOGY, INC.
P. O. BOX 31203
LAFAYETTE, LA 70593-1203

12-04-91

Project No: 1051.03
Project: CITY OF LAFAYETTE
Site: LAFAYETTE, LA
Sample No: SB3 1.5'-2.5'
Sample of: SOIL
Sampled by: HYDRO-ENVIRONMENTAL TECHNOLOGY, INC.
Sample Date: 11-26-91, 02:05 PM Date Received: 11-26-91

PARAMETER	RESULTS	MDL*
Dichlorodifluoromethane	ND	0.10 ug/kg
Chloromethane	ND	0.08 ug/kg
Vinyl Chloride	ND	0.18 ug/kg
Bromomethane	ND	0.10 ug/kg
Chloroethane	ND	0.52 ug/kg
Trichlorofluoromethane	ND	0.10 ug/kg
1,1-Dichloroethane	ND	0.13 ug/kg
Methylene Chloride	ND	0.08 ug/kg
Trans-1,2-Dichloroethane	ND	0.10 ug/kg
1,1-Dichloroethane	ND	0.07 ug/kg
Chloroform	ND	0.05 ug/kg
1,1,1-Trichloroethane	ND	0.03 ug/kg
Carbon Tetrachloride	ND	0.12 ug/kg
1,2-Dichloroethane	ND	0.03 ug/kg
Trichloroethene	ND	0.12 ug/kg
1,2-Dichloropropane	ND	0.04 ug/kg
Bromodichloromethane	ND	0.10 ug/kg
2-Chloroethyl Vinyl Ether	ND	0.13 ug/kg
Cis-1,3-Dichloropropene	ND	0.10 ug/kg
Trans-1,3-Dichloropropene	ND	0.34 ug/kg
1,1,2-Trichloroethane	ND	0.02 ug/kg
Tetrachloroethane	ND	0.03 ug/kg
Dibromochloromethane	ND	0.09 ug/kg
Chlorobenzene	ND	0.25 ug/kg
Bromoform	ND	0.20 ug/kg
1,1,2,2-Tetrachloroethane	ND	0.03 ug/kg
1,3-Dichlorobenzene	ND	0.32 ug/kg
1,4-Dichlorobenzene	ND	0.24 ug/kg
1,2-Dichlorobenzene	ND	0.15 ug/kg

ANALYZED BY: D. CORMIER DATE/TIME: 11-27-91, 11:31 PM
METHOD-5030/8010 [SW 846] - Purgeable Halocarbons
Notes: * Method Detection Limit ND = Not Detected. NA = Not Analyzed.
QUALITY ASSURANCE: This analysis was performed in accordance with EPA guidelines for analysis and quality control.
SPL, Incorporated

C. A. Cormier



SOUTHERN PETROLEUM LABORATORIES, INC.

LAFAYETTE
P.O. BOX 31203
LA 70593-1203
PHONE 318 984-2374

Certificate of Analysis No. X1127317

HYDRO-ENVIRONMENTAL TECHNOLOGY, INC.
P. O. BOX 31203
LAFAYETTE, LA 70593-1203

12-04-91

Project No: 1051.03
Project: CITY OF LAFAYETTE
Site: LAFAYETTE, LA
Sample No: P1 6.5'-7.5'
Sample of: SOIL
Sampled by: HYDRO-ENVIRONMENTAL TECHNOLOGY, INC.
Sample Date: 11-26-91, 03:20 PM
Date Received: 11-26-91

ANALYTICAL RESULTS

PARAMETER	RESULTS	PQL*
Benzene	ND mg/kg	0.0200 mg/kg
Toluene	ND mg/kg	0.0200 mg/kg
Ethylbenzene	ND mg/kg	0.0200 mg/kg
Xylenes	ND mg/kg	0.0200 mg/kg
Method-5030/8020 [SW846]		

Total Petroleum Hydrocarbons ND mg/kg 6.7 mg/kg
Method-Mod.418.1 [EPA Wlw&Wst]

BTEX ANALYZED BY : M. STEWART DATE/TIME: 11-30-91, 10:53 PM

TPH ANALYZED BY : R. BOGER DATE/TIME: 11-30-91, 10:00 PM
TPH EXTRACTED BY : R. BOGER DATE/TIME: 11-30-91, 05:00 PM

Notes: * Practical Quantitation Limit
ND = Not Detected. NA = Not Analyzed.

QUALITY ASSURANCE: This analysis was performed in accordance with EPA guidelines for analysis and quality control.

SPL, Incorporated

C. A. Guardia



SOUTHERN PETROLEUM LABORATORIES, INC.

LAFAYETTE
P.O. BOX 31750
281 16593-1750
PHONE 318 984 2374

Certificate of Analysis No. X1127317

HYDRO ENVIRONMENTAL TECHNOLOGY
104 SAVONNE DRIVE
SCOTTY, LA 70583

12-18-91

Location/Field: CITY OF LAFAYETTE - PROJECT 1051.03
Sample of: SOIL
Sample point: P1 (6.5 - 7.5 FT.)
Sampled by: HYDRO ENVIRONMENTAL
Sample Date: 11-26-91, 03:20 PM

TOTAL METALS

Parameter	Method	Results	Det. Lmt	Analyst	Date/Time Analyzed
ARSENIC	7060	ND	mg/kg 0.1	K. GRIZZAFFI	12-04-91, 02:00 PM
ARIUM	3050/7080	181	mg/kg 10	M. BERGERON	12-10-91, 06:30 AM
ADMIUM	3050/7130	1.6	mg/kg 0.5	M. BERGERON	12-09-91, 11:00 AM
BROMIUM	3050/7190	9	mg/kg 5	M. BERGERON	12-09-91, 09:00 AM
BAU	3050/7420	10	mg/kg 10	M. BERGERON	12-05-91, 09:30 AM
MERCURY	7471	0.058	mg/kg 0.004	M. BERGERON	12-11-91, 09:00 AM
ELENIUM	7740	ND	mg/kg 0.2	C. CALAIS	12-05-91, 07:00 AM
SILVER	7760	1	mg/kg 1	M. BERGERON	12-11-91, 01:00 PM

Ref: Test Methods for Evaluating Solid Waste, EPA SW846, 1986

ND = Parameter analyzed for but not detected. The reported limit is the minimum attainable detection limit for the sample.

Quality Assurance: These analyses are performed in accordance with EPA guidelines for Quality Assurance.

NOTE: Analytical results reported as Dry Weight.

SPL, Incorporated

C. A. Guardia
C. A. Guardia



SOUTHERN PETROLEUM LABORATORIES, INC.

Certificate of Analysis No. X1127317

LAFAYETTE
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RI 02801-1750
PHONE 318 954-2314

HYDRO-ENVIRONMENTAL TECHNOLOGY, INC.
P. O. BOX 31203
LAFAYETTE, LA 70593-1203

12-04-91

Project No: 1051.03
Project: CITY OF LAFAYETTE
Site: LAFAYETTE, LA
Sample No: PI 6.5'-7.5'
Sample of: SOIL
Sampled by: HYDRO-ENVIRONMENTAL TECHNOLOGY, INC.
Sample Date: 11-26-91, 02:20 PM Date Received: 11-26-91

PARAMETER	RESULTS	MDL*
Dichlorodifluoromethane	ND	0.10 ug/kg
Chloromethane	ND	0.08 ug/kg
Vinyl Chloride	ND	0.18 ug/kg
Bromomethane	ND	0.10 ug/kg
Chloroethane	ND	0.52 ug/kg
Trichlorofluoromethane	ND	0.10 ug/kg
1,1-Dichloroethene	ND	0.13 ug/kg
Methylene Chloride	ND	0.08 ug/kg
Trans-1,2-Dichloroethene	ND	0.10 ug/kg
1,1-Dichloroethane	ND	0.07 ug/kg
Chloroform	ND	0.05 ug/kg
1,1,1-Trichloroethane	ND	0.03 ug/kg
Carbon Tetrachloride	ND	0.12 ug/kg
1,2-Dichloroethane	ND	0.03 ug/kg
Trichloroethene	ND	0.12 ug/kg
1,2-Dichloropropane	ND	0.04 ug/kg
Bromodichloromethane	ND	0.10 ug/kg
2-Chloroethyl Vinyl Ether	ND	0.13 ug/kg
Cis-1,3-Dichloropropene	ND	0.10 ug/kg
Trans-1,3-Dichloropropene	ND	0.34 ug/kg
1,1,2-Trichloroethane	ND	0.02 ug/kg
Tetrachloroethene	ND	0.03 ug/kg
Dibromochloromethane	ND	0.09 ug/kg
Chlorobenzene	ND	0.25 ug/kg
Bromoform	ND	0.20 ug/kg
1,1,2,2-Tetrachloroethane	ND	0.03 ug/kg
1,3-Dichlorobenzene	ND	0.32 ug/kg
1,4-Dichlorobenzene	ND	0.24 ug/kg
1,2-Dichlorobenzene	ND	0.15 ug/kg

ANALYSED BY: D. CORMIER DATE/TIME: 11-26-91, 06:12 AM
METHOD-5030/5010 [SW 846] - Purgeable Halocarbons
Notes: * Method Detection Limit ND = Not Detected, NA = Not Analyzed.
QUALITY ASSURANCE: This analysis was performed in accordance with EPA
guidelines for analysis and quality control.
SPL, Incorporated



SOUTHERN PETROLEUM LABORATORIES, INC.

 LAFAYETTE
 P.O. BOX 31700
 ZIP 70593-1700
 PHONE: 318 984 2374

Certificate of Analysis No. X1127312

 HYDRO-ENVIRONMENTAL TECHNOLOGY, INC.
 P. O. BOX 31203
 LAFAYETTE, LA 70593-1203

12-04-91

Project No: 1051.03
 Project: CITY OF LAFAYETTE
 Site: LAFAYETTE, LA
 Sample No: SB4 1.5'-2.5'
 Sample of: SOIL
 Sampled by: HYDRO-ENVIRONMENTAL TECHNOLOGY, INC.
 Sample Date: 11-26-91, 02:20 PM
 Date Received: 11-26-91

ANALYTICAL RESULTS

PARAMETER	RESULTS	PQL*
Benzene	ND mg/kg	0.0200 mg/kg
Toluene	ND mg/kg	0.0200 mg/kg
Ethylbenzene	ND mg/kg	0.0200 mg/kg
Xylenes	ND mg/kg	0.0200 mg/kg
Method-5030/8020 [SW846]		

Total Petroleum Hydrocarbons	18 mg/kg	6.7 mg/kg
Method-Mod.418.1 [EPA Wtr&Wst]		

LPEX ANALYZED BY : M. STEWART DATE/TIME: 11-30-91, 08:49 PM

TPH ANALYZED BY : R. DOGER DATE/TIME: 11-30-91, 10:00 PM

TPH EXTRACTED BY : R. DOGER DATE/TIME: 11-30-91, 05:00 PM

 Notes: * Practical Quantitation Limit
 ND = Not Detected. NA = Not Analyzed.

QUALITY ASSURANCE: This analysis was performed in accordance with EPA guidelines for analysis and quality control.

SPL, Incorporated

C. A. Guardia



SOUTHERN PETROLEUM LABORATORIES, INC.

LAFAYETTE
 P.O. BOX 31780
 ZIP 70503-1780
 PHONE 338 484 5374

Certificate of Analysis No. X1127312

HYDRO ENVIRONMENTAL TECHNOLOGY
 104 SAVONNE DRIVE
 SCOTT, LA 70583

12-18-91

Location/Field: CITY OF LAFAYETTE - PROJECT 1051.03
 Sample of: SOIL
 Sample point: SD4 (1.5 - 2.5 FT.)
 Sampled by: HYDRO ENVIRONMENTAL
 Sample Date: 11-26-91, 02:20 PM

TOTAL METALS

Parameter	Method	Results	Det Lim	Analyst	Date/Time Analyzed
SENIC	7060	4.5	mg/kg 0.1	K. GRIZZAFFI	12-04-91, 02:00 PM
RIUM	3050/7080	84	mg/kg 10	M. BERGERON	12-10-91, 06:30 AM
DMIUM	3050/7130	1.6	mg/kg 0.5	M. BERGERON	12-09-91, 11:00 AM
ROMIUM	3050/7190	10	mg/kg 5	M. BERGERON	12-09-91, 09:00 AM
AD	3050/7420	15	mg/kg 10	M. BERGERON	12-05-91, 09:30 AM
RCURY	7471	0.046	mg/kg 0.004	M. BERGERON	12-11-91, 09:00 AM
LENIUM	7740	0.7	mg/kg 0.2	C. CALAIS	12-05-91, 07:00 AM
LVER	7760	1	mg/kg 1	M. BERGERON	12-11-91, 01:00 PM

Ref: Test Methods for Evaluating Solid Waste, EPA SW846, 1986

D = Parameter analyzed for but not detected. The reported limit is the minimum attainable detection limit for the sample.

Quality Assurance: These analyses are performed in accordance with EPA guidelines for Quality Assurance.

OTE: Analytical results reported as Dry Weight.

SPL, Incorporated

C. A. Guardia



SOUTHERN PETROLEUM LABORATORIES, INC.
Certificate of Analysis No. X1127312

LAFAYETTE
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HYDRO-ENVIRONMENTAL TECHNOLOGY, INC.
P. O. BOX 31203
LAFAYETTE, LA 70593-1203

12-04-91

Project No: 1051.03
Project: CITY OF LAFAYETTE
Site: LAFAYETTE, LA
Sample No: SD4 1.5'-2.5'
Sample of: SOIL
Sampled by: HYDRO-ENVIRONMENTAL TECHNOLOGY, INC.
Sample Date: 11-26-91, 02:20 PM Date Received: 11-26-91

PARAMETER	RESULTS	MDL*
Dichlorodifluoromethane	ND	0.10 ug/kg
Chloromethane	ND	0.08 ug/kg
Vinyl Chloride	ND	0.18 ug/kg
Bromomethane	ND	0.10 ug/kg
Chloroethane	ND	0.52 ug/kg
Trichlorofluoromethane	ND	0.10 ug/kg
1,1-Dichloroethene	ND	0.13 ug/kg
Methylene Chloride	ND	0.08 ug/kg
Trans-1,2-Dichloroethene	ND	0.10 ug/kg
1,1-Dichloroethane	ND	0.07 ug/kg
Chloroform	ND	0.05 ug/kg
1,1,1-Trichloroethane	ND	0.03 ug/kg
Carbon Tetrachloride	ND	0.12 ug/kg
1,2-Dichloroethane	ND	0.03 ug/kg
Trichloroethene	ND	0.12 ug/kg
1,2-Dichloropropane	ND	0.04 ug/kg
Bromodichloromethane	ND	0.10 ug/kg
2-Chloroethyl Vinyl Ether	ND	0.13 ug/kg
Cis-1,3-Dichloropropene	ND	0.10 ug/kg
Trans-1,3-Dichloropropene	ND	0.34 ug/kg
1,1,2-Trichloroethane	ND	0.02 ug/kg
Tetrachloroethene	ND	0.03 ug/kg
Dibromochloromethane	ND	0.09 ug/kg
Chlorobenzene	ND	0.25 ug/kg
Bromoform	ND	0.20 ug/kg
1,1,2,2-Tetrachloroethane	ND	0.03 ug/kg
1,3-Dichlorobenzene	ND	0.32 ug/kg
1,4-Dichlorobenzene	ND	0.24 ug/kg
1,2-Dichlorobenzene	ND	0.15 ug/kg

ANALYZED BY: D. CORMIER DATE/TIME: 11-28-91, 12:37 AM
METHOD: 8230/8210 [LW 846] - Purgeable Halocarbons
Notes: * Method Detection Limit ND = Not Detected. NA = Not Analyzed.
QUALITY ASSURANCE: This analysis was performed in accordance with EPA
guidelines for analysis and quality control.
SPL, Incorporated



SOUTHERN PETROLEUM LABORATORIES, INC



41212481

LAFAYETTE
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LAFAYETTE, LA 70593-1203
PHONE 318 964 2324

Certificate of Analysis No. X1127313

HYDRO-ENVIRONMENTAL TECHNOLOGY, INC.
P. O. BOX 31203
LAFAYETTE, LA 70593-1203

12-04-91

Project No: 1051.03
 Project: CITY OF LAFAYETTE
 Site: LAFAYETTE, LA
 Sample No: SD5 1.5'-2.5'
 Sample of: SOIL
 Sampled by: HYDRO-ENVIRONMENTAL TECHNOLOGY, INC.
 Sample Date: 11-26-91, 02:30 PM
 Date Received: 11-26-91

ANALYTICAL RESULTS

PARAMETER	RESULTS	PQL*
Benzene	ND mg/kg	0.0200 mg/kg
Toluene	ND mg/kg	0.0200 mg/kg
Ethylbenzene	ND mg/kg	0.0200 mg/kg
Xylenes	ND mg/kg	0.0200 mg/kg
Method-5030/8020 [SW846]		
Total Petroleum Hydrocarbons	45 mg/kg	6.7 mg/kg
Method-Mod.418.1 [EPA Wtr&Wst]		

BTX ANALYZED BY : M. STEWART DATE/TIME: 11-30-91, 09:14 PM

TPH ANALYZED BY : R. DOGER DATE/TIME: 11-30-91, 10:00 PM
TPH EXTRACTED BY : R. DOGER DATE/TIME: 11-30-91, 05:00 PMNotes: * Practical Quantitation Limit
ND = Not Detected. NA = Not Analyzed.

QUALITY ASSURANCE: This analysis was performed in accordance with EPA guidelines for analysis and quality control.

SPL, Incorporated

C. A. Guardia



SOUTHERN PETROLEUM LABORATORIES, INC

 LAFAYETTE
 P.O. BOX 31780
 ZIP 70503-1780
 PHONE 318 484-2374

Certificate of Analysis No. X1127313

 HYDRO ENVIRONMENTAL TECHNOLOGY
 104 SAVONNE DRIVE
 SCOTTD, LA 70583

12-18-91

Location/Field:	CITY OF LAFAYETTE - PROJECT 1051.03
Sample of:	SOIL
Sample point:	SD5 (1.5 - 2.5 FT.)
Sampled by:	HYDRO ENVIRONMENTAL
Sample Date:	11-26-91, 02:30 PM

TOTAL METALS

Parameter	Method	Results	Det	Limit	Analyst	Date/Time Analyzed
COBALT	7060	6.3	mg/kg	0.1	K. CRIZZAFI	12-04-91, 02:00 PM
ARIUM	3050/7080	293	mg/kg	10	M. BERGERON	12-10-91, 06:30 AM
CHLORINE	3050/7130	1.6	mg/kg	0.5	M. BERGERON	12-09-91, 11:00 AM
IRONIUM	3050/7190	9	mg/kg	5	M. BERGERON	12-09-91, 09:00 AM
AD	3050/7470	15	mg/kg	10	M. BERGERON	12-05-91, 09:30 AM
MERCURY	7471	0.052	mg/kg	0.004	M. BERGERON	12-11-91, 09:00 AM
SENIUM	7740	ND	mg/kg	0.2	C. CALAIS	12-05-91, 07:00 AM
SILVER	7760	3	mg/kg	1	M. BERGERON	12-11-91, 01:00 PM

Ref: Test Methods for Evaluating Solid Waste, EPA SW846, 1986

ND = Parameter analyzed for but not detected. The reported limit is the minimum attainable detection limit for the sample.

Quality Assurance: These analyses are performed in accordance with EPA guidelines for Quality Assurance.

NOTE: Analytical results reported as Dry Weight.

SPL, Incorporated

C. A. Guardia



SOUTHERN PETROLEUM LABORATORIES, INC.
Certificate of Analysis No. X1127313

LAFAYETTE
P.O. BOX 31203
LA 70593-1203
PHONE 318 984 2374

HYDRO-ENVIRONMENTAL TECHNOLOGY, INC.
P. O. BOX 31203
LAFAYETTE, LA 70593-1203

12-04-91

Project No: 1051.03
Project: CITY OF LAFAYETTE
Site: LAFAYETTE, LA
Sample No: SDS 1.5'-2.5'
Sample of: SOIL
Sampled by: HYDRO-ENVIRONMENTAL TECHNOLOGY, INC.
Sample Date: 11-26-91, 02:30 PM Date Received: 11-26-91

PARAMETER	RESULTS	MDL*
Dichlorodifluoromethane	ND	0.10 ug/kg
Chloromethane	ND	0.08 ug/kg
Vinyl Chloride	ND	0.18 ug/kg
Bromomethane	ND	0.10 ug/kg
Chloroethane	ND	0.52 ug/kg
Trichlorofluoromethane	ND	0.10 ug/kg
1,1-Dichloroethane	ND	0.12 ug/kg
Methylene Chloride	ND	0.08 ug/kg
Trans-1,2-Dichloroethane	ND	0.10 ug/kg
1,1 Dichloroethane	ND	0.07 ug/kg
Chloroform	ND	0.05 ug/kg
1,1,1-Trichloroethane	ND	0.03 ug/kg
Carbon Tetrachloride	ND	0.12 ug/kg
1,2-Dichloroethane	ND	0.03 ug/kg
Trichloroethene	ND	0.12 ug/kg
1,2-Dichloropropane	ND	0.04 ug/kg
Bromodichloromethane	ND	0.10 ug/kg
2-Chloroethyl Vinyl Ether	ND	0.13 ug/kg
Cis-1,3-Dichloropropene	ND	0.10 ug/kg
Trans-1,3-Dichloropropene	ND	0.34 ug/kg
1,1,2-Trichloroethane	ND	0.02 ug/kg
Tetrachloroethane	ND	0.03 ug/kg
Dibromochloromethane	ND	0.09 ug/kg
Chlorobenzene	ND	0.25 ug/kg
Bromoform	ND	0.20 ug/kg
1,1,2,2-Tetrachloroethane	ND	0.03 ug/kg
1,3-Dichlorobenzene	ND	0.32 ug/kg
1,4-Dichlorobenzene	ND	0.24 ug/kg
1,2-Dichlorobenzene	ND	0.15 ug/kg

ANALYZED BY: D. CORRIER DATE/TIME: 11-28-91, 01:44 AM
METHOD: 5030/2010 [SW 84G] - Purgeable Halocarbons
Notes: * Method Detection Limit ND = Not Detected, NA = Not Analyzed.
QUALITY ASSURANCE: This analysis was performed in accordance with EPA
guidelines for analysis and quality control.
SPL, Incorporated



SOUTHERN PETROLEUM LABORATORIES, INC.

 LAFAYETTE
 P.O. BOX 11780
 LA 70593-1780
 PHONE 318 464-2334

Certificate of Analysis No. X1127314

 HYDRO-ENVIRONMENTAL TECHNOLOGY, INC.
 P. O. BOX 31203
 LAFAYETTE, LA 70593-1203

12-04-91

Project No: 1051.03
 Project: CITY OF LAFAYETTE
 Site: LAFAYETTE, LA
 Sample No: SB6 1.5'-2.5'
 Sample of: SOIL
 Sampled by: HYDRO-ENVIRONMENTAL TECHNOLOGY, INC.
 Sample Date: 11-26-91, 03:00 PM
 Date Received: 11-26-91

ANALYTICAL RESULTS

PARAMETER	RESULTS	PQL*
Benzene	ND mg/kg	0.0200 mg/kg
Toluene	ND mg/kg	0.0200 mg/kg
Ethylbenzene	ND mg/kg	0.0200 mg/kg
Xylenes	ND mg/kg	0.0200 mg/kg
Method-5030/8020 [SW846]		

Total Petroleum Hydrocarbons	ND mg/kg	6.7 mg/kg
Method-Mod. 418.1 [EPA WtGWst]		

DTEX ANALYZED BY : M. STEWART DATE/TIME: 11-30-91, 09:38 PM

 TPH ANALYZED BY : R. BOGER DATE/TIME: 11-30-91, 10:00 PM
 TPH EXTRACTED BY : R. BOGER DATE/TIME: 11-30-91, 05:00 PM

 Notes: * Practical Quantitation Limit
 ND = Not Detected, NA = Not Analyzed.

QUALITY ASSURANCE: This analysis was performed in accordance with EPA guidelines for analysis and quality control.

SPL, Incorporated

 C. A. Guardia



SOUTHERN PETROLEUM LABORATORIES, INC.

 LAFAYETTE
 P.O. BOX 31720
 ZIP 70512-1720
 PHONE 318 964 2374

Certificate of Analysis No. X1127314

 HYDRO ENVIRONMENTAL TECHNOLOGY
 104 SAVONNE DRIVE
 SCOTT, LA 70583

12-18-91

Location/Title:	CITY OF LAFAYETTE - PROJECT 1051.03
Sample of:	SOIL
Sample point:	SB6 (1.5 - 2.5 FT.)
Sampled by:	HYDRO ENVIRONMENTAL
Sample Date:	11-26-91, 03:00 PM

TOTAL METALS

Parameter	Method	Results	Det	Limt	Analyst	Date/Time Analyzed
ARSENIC	7060	16.6	mg/kg	0.1	K. CRIZZAFFI	12-04-91, 02:00 PM
ARIUM	3050/7080	211	mg/kg	10	M. BERGERON	12-10-91, 06:30 AM
ADMIUM	3050/7130	1.6	mg/kg	0.5	M. BERGERON	12-09-91, 11:00 AM
BROMIUM	3050/7120	10	mg/kg	5	M. BERGERON	12-09-91, 09:00 AM
EAD	3050/7420	37	mg/kg	10	M. BERGERON	12-05-91, 09:30 AM
ERCURY	7471	0.040	mg/kg	0.004	M. BERGERON	12-11-91, 09:00 AM
ELENIUM	7740	ND	mg/kg	0.2	C. CALAIS	12-05-91, 07:00 AM
ILVER	7760	1	mg/kg	1	M. BERGERON	12-11-91, 01:00 PM

Ref: Test Methods for Evaluating Solid Waste, EPA SW846, 1986

ND = Parameter analyzed for but not detected. The reported limit is the minimum attainable detection limit for the sample.

Quality Assurance: These analyses are performed in accordance with EPA guidelines for Quality Assurance.

NOTE: Analytical results reported as Dry Weight.

SPL, Incorporated

C. A. Guardia



SOUTHERN PETROLEUM LABORATORIES, INC.
Certificate of Analysis No. X1127314

LAFAYETTE
P.O. BOX 31203
70503-1203
PHONE 318 984 2374

HYDRO-ENVIRONMENTAL TECHNOLOGY, INC.
P. O. BOX 31203
LAFAYETTE, LA 70593-1203

12-04-91

Project No: 1051.03
Project: CITY OF LAFAYETTE
Site: LAFAYETTE, LA
Sample No: SB6 1.5'-2.5'
Sample of: SOIL
Sampled by: HYDRO-ENVIRONMENTAL TECHNOLOGY, INC.
Sample Date: 11-26-91, 03:00 PM Date Received: 11-26-91

PARAMETER	RESULTS	MDL*
Dichlorodifluoromethane	ND	0.10 ug/kg
Chloromethane	ND	0.08 ug/kg
Vinyl Chloride	ND	0.18 ug/kg
Bromomethane	ND	0.10 ug/kg
Chloroethane	ND	0.52 ug/kg
Trichlorofluoromethane	ND	0.10 ug/kg
1,1-Dichloroethene	ND	0.13 ug/kg
Methylene Chloride	ND	0.08 ug/kg
Trans-1,2-Dichloroethene	ND	0.10 ug/kg
1,1-Dichloroethane	ND	0.07 ug/kg
Chloroform	ND	0.05 ug/kg
1,1,1-Trichloroethane	ND	0.03 ug/kg
Carbon Tetrachloride	ND	0.12 ug/kg
1,2-Dichloroethane	ND	0.03 ug/kg
Trichloroethene	ND	0.12 ug/kg
1,2-Dichloropropane	ND	0.04 ug/kg
Bromodichloromethane	ND	0.10 ug/kg
2-Chloroethyl Vinyl Ether	ND	0.13 ug/kg
Cis-1,3-Dichloropropene	ND	0.10 ug/kg
Trans-1,3-Dichloropropene	ND	0.34 ug/kg
1,1,2-Trichloroethane	ND	0.02 ug/kg
Tetrachloroethene	ND	0.03 ug/kg
Dibromochloromethane	ND	0.09 ug/kg
Chlorobenzene	ND	0.25 ug/kg
Bromoform	ND	0.20 ug/kg
1,1,2,2-Tetrachloroethane	ND	0.03 ug/kg
1,3-Dichlorobenzene	ND	0.32 ug/kg
1,4-Dichlorobenzene	ND	0.24 ug/kg
1,2-Dichlorobenzene	ND	0.15 ug/kg

ANALYZED BY: D. CORRIER DATE/TIME: 12-03-91, 08:35 AM
METHOD-5030/8010 [SW 846] - Purgeable Halocarbons
Notes: * Method Detection Limit ND = Not Detected. NA = Not Analyzed.
QUALITY ASSURANCE: This analysis was performed in accordance with EPA
guidelines for analysis and quality control.
SPL, Incorporated



SOUTHERN PETROLEUM LABORATORIES, INC.

 LAFAYETTE
 P.O. BOX 11760
 LAFAYETTE, LA 70593-1760
 PHONE 338 982 2324

Certificate of Analysis No. X1127315

 HYDRO-ENVIRONMENTAL TECHNOLOGY, INC.
 P. O. BOX 31203
 LAFAYETTE, LA 70593-1203

12-04-91

Project No: 1051.03
 Project: CITY OF LAFAYETTE
 Site: LAFAYETTE, LA
 Sample No: SN7 1.5'-2.5'
 Sample of: SOIL
 Sampled by: HYDRO-ENVIRONMENTAL TECHNOLOGY, INC.
 Sample Date: 11-26-91, 04:10 PM
 Date Received: 11-26-91

ANALYTICAL RESULTS

PARAMETER	RESULTS	PQL*
Benzene	ND mg/kg	0.0200 mg/kg
Toluene	ND mg/kg	0.0200 mg/kg
Ethylbenzene	ND mg/kg	0.0200 mg/kg
Xylenes	ND mg/kg	0.0200 mg/kg
Method-5030/8020 [SW846]		
Total Petroleum Hydrocarbons	ND mg/kg	6.7 mg/kg
Method-Mod. 418.1 [EPA Wtr&Wst]		

BTEX ANALYZED BY : M. STEWART DATE/TIME: 11-30-91, 10:03 PM

TPH ANALYZED BY : R. ROGER DATE/TIME: 11-30-91, 10:00 PM

TPH EXTRACTED BY : R. ROGER DATE/TIME: 11-30-91, 05:00 PM

Notes: * Practical Quantitation Limit
 ND = Not Detected. NA = Not Analyzed.

QUALITY ASSURANCE: This analysis was performed in accordance with EPA guidelines for analysis and quality control.

SPL, Incorporated

 C. A. Guardia



SOUTHERN PETROLEUM LABORATORIES, INC.

 LAFAYETTE
 P.O. BOX 31788
 ZIP 70503-1788
 PHONE 338 984 2374

Certificate of Analysis No. X1127315

 HYDRO ENVIRONMENTAL TECHNOLOGY
 104 SAVONNE DRIVE
 SCOTT, LA 70563

17-18-91

 Location/Field: CITY OF LAFAYETTE - PROJECT 1051.03
 Sample of: SOIL
 Sample point: SU7 (1.5 - 2.5 FT.)
 Sampled by: HYDRO ENVIRONMENTAL
 Sample Date: 11-26-91, 03:10 PM

TOTAL METALS

Parameter	Method	Results	Det Lmt	Analyst	Date/Time Analyzed
SEMIC	7060	2.6	mg/kg 0.1	K. CRIZZAFFI	12-04-91, 02:00 PM
RIUM	3050/7030	109	mg/kg 10	M. BERGERON	12-10-91, 06:30 AM
MIUM	3050/7130	1.6	mg/kg 0.5	M. BERGERON	12-09-91, 11:00 AM
ROMIUM	3050/7190	9	mg/kg 5	M. BERGERON	12-09-91, 09:00 AM
AD	3050/7420	16	mg/kg 10	M. BERGERON	12-05-91, 09:30 AM
RCURY	7471	0.042	mg/kg 0.004	M. BERGERON	12-11-91, 09:00 AM
LENIUM	7740	ND	mg/kg 0.2	C. CALAIS	12-05-91, 07:00 AM
LEVER	7760	1	mg/kg 1	M. BERGERON	12-11-91, 01:00 PM

Ref: Test Methods for Evaluating Solid Waste, EPA SW846, 1986

D = Parameter analyzed for but not detected. The reported limit is the minimum attainable detection limit for the sample.

Quality Assurance: These analyses are performed in accordance with EPA guidelines for Quality Assurance.

OTE: Analytical results reported as Dry Weight.

SPL, Incorporated

 C. R. Guardado



SOUTHERN PETROLEUM LABORATORIES, INC.
Certificate of Analysis No. X1127315

LAFAYETTE
P. O. BOX 31203
70593-1203
PHONE 318 984 2374

HYDRO-ENVIRONMENTAL TECHNOLOGY, INC.
P. O. BOX 31203
LAFAYETTE, LA 70593-1203

12-04-91

Project No: 1051.03
Project: CITY OF LAFAYETTE
Site: LAFAYETTE, LA
Sample No: SB7 1.5'-2.5'
Sample of: SOIL
Sampled by: HYDRO-ENVIRONMENTAL TECHNOLOGY, INC.
Sample Date: 11-26-91, 04:10 PM Date Received: 11-26-91

PARAMETER	RESULTS	MDL*
Dichlorodifluoromethane	ND	0.10 ug/kg
Chloromethane	ND	0.08 ug/kg
Vinyl Chloride	ND	0.18 ug/kg
Bromomethane	ND	0.10 ug/kg
Chloroethane	ND	0.52 ug/kg
Trichlorofluoromethane	ND	0.10 ug/kg
1,1-Dichloroethane	ND	0.13 ug/kg
Methylene Chloride	ND	0.08 ug/kg
Trans-1,2-Dichloroethane	ND	0.10 ug/kg
1,1-Dichloroethane	ND	0.07 ug/kg
Chloroform	ND	0.05 ug/kg
1,1,1-Trichloroethane	ND	0.03 ug/kg
Carbon Tetrachloride	ND	0.12 ug/kg
1,2-Dichloroethane	ND	0.03 ug/kg
Trichloroethane	ND	0.12 ug/kg
1,2-Dichloropropane	ND	0.04 ug/kg
Bromodichloromethane	ND	0.10 ug/kg
2-Chloroethyl Vinyl Ether	ND	0.13 ug/kg
Cis-1,3-Dichloropropene	ND	0.10 ug/kg
Trans-1,3-Dichloropropene	ND	0.34 ug/kg
1,1,2-Trichloroethane	ND	0.02 ug/kg
Tetrachloroethane	ND	0.03 ug/kg
Dibromochloromethane	ND	0.09 ug/kg
Chlorobenzene	ND	0.25 ug/kg
Bromoform	ND	0.20 ug/kg
1,1,2,2-Tetrachloroethane	ND	0.03 ug/kg
1,3-Dichlorobenzene	ND	0.32 ug/kg
1,4-Dichlorobenzene	ND	0.24 ug/kg
1,2-Dichlorobenzene	ND	0.15 ug/kg

ANALYZED BY: D. CORMIER DATE/TIME: 11-28-91, 04:58 AM
METHOD-5030/2010 [SW 846] - Purgeable Halocarbons
Notes: * Method Detection Limit ND = Not Detected, NA = Not Analyzed.
QUALITY ASSURANCE: This analysis was performed in accordance with EPA guidelines for analysis and quality control.
SPL, Incorporated

[Signature]



SOUTHERN PETROLEUM LABORATORIES, INC.

LAFAYETTE
P.O. BOX 31203
781 70593-1203
PHONE 318 964 2374

Certificate of Analysis No. X1127316

HYDRO-ENVIRONMENTAL TECHNOLOGY, INC.
P. O. BOX 31203
LAFAYETTE, LA 70593-1203

12-04-91

Project No: 1051.03
Project: CITY OF LAFAYETTE
Site: LAFAYETTE, LA
Sample No: SB8 1.5'-2.5'
Sample of: SOIL
Sampled by: HYDRO-ENVIRONMENTAL TECHNOLOGY, INC.
Sample Date: 11-26-91, 04:55 PM
Date Received: 11-26-91

ANALYTICAL RESULTS

PARAMETER	RESULTS	PQL*
Benzene	ND mg/kg	0.0200 mg/kg
Toluene	ND mg/kg	0.0200 mg/kg
Ethylbenzene	ND mg/kg	0.0200 mg/kg
Xylenes	ND mg/kg	0.0200 mg/kg
Method-5030/8020 [SW846]		

Total Petroleum Hydrocarbons 790 mg/kg 6.7 mg/kg
Method-Mod.418.1 [EPA Wtr&Wst]

BTEX ANALYZED BY : M. STEWART DATE/TIME: 11-30-91, 10:28 PM

TPH ANALYZED BY : R. BOGER DATE/TIME: 11-30-91, 10:00 PM
TPH EXTRACTED BY : R. BOGER DATE/TIME: 11-30-91, 05:00 PM

Notes: * Practical Quantitation Limit
ND = Not Detected. NA = Not Analyzed.

QUALITY ASSURANCE: This analysis was performed in accordance with EPA guidelines for analysis and quality control.

SPL Incorporated

C. A. Guardia



SOUTHERN PETROLEUM LABORATORIES, INC.

 LAFAYETTE
 P.O. BOX 11780
 ZIP 70593-1780
 PHONE 318 984 2374

Certificate of Analysis No. X1127316

 HYDRO ENVIRONMENTAL TECHNOLOGY
 104 SAVONNE DRIVE
 SCOTT, LA 70583

12-18-91

Location/Field:	CITY OF LAFAYETTE - PROJECT 1051.03
Sample of:	SOIL
Sample point:	S88 (1.5 - 2.5 FT.)
Sampled by:	HYDRO ENVIRONMENTAL
Sample Date:	11-26-91, 03:35 PM

TOTAL METALS

Element	Method	Results	Det Limit	Analyst	Date/Time Analyzed
ARSENIC	7060	1.3	mg/kg 0.1	K. CRIZZAPPI	12-04-91, 02:00 PM
BARIUM	3050/7060	186	mg/kg 10	M. BERGERON	12-10-91, 06:30 AM
CHROMIUM	3050/7130	1.6	mg/kg 0.5	M. BERGERON	12-09-91, 11:00 AM
BROMINE	3050/7190	6	mg/kg 5	M. BERGERON	12-09-91, 09:00 AM
CAD	3050/7420	241	mg/kg 10	M. BERGERON	12-05-91, 09:30 AM
MERCURY	7471	0.04	mg/kg 0.004	M. BERGERON	12-11-91, 09:00 AM
SELENIUM	7740	ND	mg/kg 0.2	C. CALAIS	12-05-91, 07:00 AM
SILVER	7760	4	mg/kg 1	M. BERGERON	12-11-91, 01:00 PM

Ref: Test Methods for Evaluating Solid Waste, EPA SW846, 1986

ND = Parameter analyzed for but not detected. The reported limit is the minimum attainable detection limit for the sample.

Quality Assurance: These analyses are performed in accordance with EPA guidelines for Quality Assurance.

NOTE: Analytical results reported as Dry Weight.

SPL, Incorporated

C. A. Guardia



SOUTHERN PETROLEUM LABORATORIES, INC.
Certificate of Analysis No. X1127316

LAFAYETTE
P.O. BOX 31203
70593-1700
PHONE 318 084 2372

HYDRO-ENVIRONMENTAL TECHNOLOGY, INC.
P. O. BOX 31203
LAFAYETTE, LA 70593-1203

12-04-91

Project No: 1051.03
Project: CITY OF LAFAYETTE
Site: LAFAYETTE, LA
Sample No: SUB 1.5'-2.5'
Sample of: SOIL
Sampled by: HYDRO-ENVIRONMENTAL TECHNOLOGY, INC.
Sample Date: 11-26-91, 04:55 PM Date Received: 11-26-91

PARAMETER	RESULTS	MDL*
Dichlorodifluoromethane	ND	0.10 ug/kg
Chloromethane	ND	0.03 ug/kg
Vinyl Chloride	ND	0.18 ug/kg
Bromomethane	ND	0.10 ug/kg
Chloroethane	ND	0.52 ug/kg
Trichlorofluoromethane	ND	0.10 ug/kg
1,1-Dichloroethene	ND	0.13 ug/kg
Methylene Chloride	ND	0.08 ug/kg
Trans-1,2-Dichloroethene	ND	0.10 ug/kg
1,1-Dichloroethane	ND	0.07 ug/kg
Chloroform	ND	0.05 ug/kg
1,1,1-Trichloroethane	ND	0.03 ug/kg
Carbon Tetrachloride	ND	0.12 ug/kg
1,2-Dichloroethane	ND	0.03 ug/kg
Trichloroethene	ND	0.12 ug/kg
1,2-Dichloropropane	ND	0.04 ug/kg
Bromodichloromethane	ND	0.10 ug/kg
2-Chloroethyl Vinyl Ether	ND	0.13 ug/kg
Cis-1,3-Dichloropropene	ND	0.10 ug/kg
Trans-1,3-Dichloropropene	ND	0.34 ug/kg
1,1,2-Trichloroethane	ND	0.02 ug/kg
Tetrachloroethane	20	0.03 ug/kg
Dibromochloromethane	ND	0.09 ug/kg
Chlorobenzene	ND	0.25 ug/kg
Bromoform	ND	0.20 ug/kg
1,1,2,2-Tetrachloroethane	ND	0.03 ug/kg
1,3-Dichlorobenzene	ND	0.32 ug/kg
1,4-Dichlorobenzene	ND	0.24 ug/kg
1,2-Dichlorobenzene	ND	0.15 ug/kg

ANALYZED BY: D. CORMIER DATE/TIME: 12-03-91, 08:40 AM
METHOD: 5030/8010 (LM 846) - Purgeable Halocarbons
Notes: * Method Detection Limit ND = Not Detected. NA = Not Analyzed.
QUALITY ASSURANCE: This analysis was performed in accordance with EPA
guidelines for analysis and quality control.
SPL, Incorporated

[Signature]

11-26-91



SOUTHERN PETROLEUM LABORATORIES, INC

** SPL QUALITY CONTROL REPORT **

DET_X MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

SPL Sample ID: X1126220
Matrix: SOIL

Reported on: 12-04-91
Analyzed on: 11-30-91
Analyst: M. STEWART

LAFAYETTE
P.O. BOX 31780
78175-0178
PHONE 314 984-2374

This sample was randomly selected for use in the SPL quality control program. The results are as follows:

----- SPIKE ANALYSIS -----

Compound	Blank Value ug/kg	Spike Added ug/kg	Original Sample Concentration ug/kg	MS Concentration ug/kg	MS % Rec #	QC Limits Range
BENZENE	ND	50	ND	50	100	39-150
TOLUENE	ND	50	ND	48	96	46-148
ETHYLBENZENE	ND	50	ND	45	90	32-160
m,p-XYLENE	ND	100	ND	90	90	32-160
o-XYLENE	ND	50	ND	46	92	32-160

----- SPIKE DUPLICATE ANALYSIS -----

Compound	Spike Added ug/kg	MSD Concentration ug/kg	MSD % Rec #	% RPD #	QC LIMITS RPD Limit	Rec. Range
BENZENE	50	47	94	6	20	39-150
TOLUENE	50	44	88	9	20	46-148
ETHYLBENZENE	50	39	78	14	20	32-160
m,p-XYLENE	100	79	79	13	20	32-160
o-XYLENE	50	42	84	9	20	32-160

SPL Incorporated

John Durand
John Durand, QC Officer



SOUTHERN PETROLEUM LABORATORIES, INC.

 LAAYCILL
 P.O. BOX 31700
 ZIP 70293-1700
 PHONE: 518 984 2572

** SPL QUALITY CONTROL REPORT **

Matrix: SOIL

 Reported on: 12-04-91
 Analyzed on: 11-30-91
 Analyst: R. DOGER

This sample was randomly selected for use in the SPL quality control program. Samples chosen are fortified with a known concentration in duplicate. The results are as follows:

 TOTAL PETROLEUM HYDROCARBONS [TPH]
 Method-Modified 418.1 [45501]

---- SPIKE ANALYSIS ----

SPL Sample ID	Blank Value mg/kg	Spike Added mg/kg	Original Sample Concentration mg/kg	MS Concentration mg/kg	MS % Rec #
X1127284	ND	300.0	17.0	314.0	99

---- SPIKE DUPLICATE ANALYSIS ----

SPL Sample ID	Spike Added mg/kg	MSD Concentration mg/kg	MSD % Rec #	% RPD
X1127284	300.0	308.0	97	1.9

SPL, Incorporated

 John Durand, QC Officer



SOUTHERN PETROLEUM LABORATORIES, INC.

 LAIAYETTE
 P.O. BOX 31730
 ZIP 70343-1730
 PHONE 318 984-2373

 ** SPL QUALITY CONTROL REPORT **
 MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

METHOD-5030/8010 [SW 846] - Purgeable Halocarbons

SPL Sample ID:	F111430-21A	Reported on:	12-04-91
Matrix:	SOIL	Analyzed on:	12-03-91
Spike Added:	50 ug/kg	Analyst:	D. CORMIER

is sample was randomly selected for use in the SPL Quality Control Program.
 e results are as follows:

Compound	Blank Conc	Sample Conc	MS Conc	MSD Conc	MS % Recov	MSD % Recov	RPD %	QC Limits % Rec.	RPD
chlorodifluoromethane	ND	ND	52.0	49.0	104.0	98.0	5.9	-----	20
loromethane	ND	ND	53.0	51.0	106.0	102.0	3.8	D-193	20
nyl Chloride	ND	ND	50.0	48.0	100.0	96.0	4.1	28-163	20
omomethane	ND	ND	53.0	51.0	106.0	102.0	3.8	D-144	20
loroethane	ND	ND	55.0	49.0	110.0	98.0	11.5	46-137	20
ichlorofluoromethane	ND	ND	52.0	48.0	104.0	96.0	8.0	21-156	20
1-Dichloroethane	ND	ND	53.0	49.0	106.0	98.0	7.8	28-167	20
thylene Chloride	ND	ND	50.0	48.0	100.0	96.0	4.1	25-162	20
ans-1,2-Dichloroethene	ND	ND	51.0	48.0	102.0	96.0	5.1	38-155	20
1-Dichloroethane	ND	ND	50.0	47.0	100.0	94.0	6.2	47-132	20
loroform	ND	ND	50.0	48.0	100.0	96.0	4.1	49-133	20
1,1-Trichloroethane	ND	ND	52.0	50.0	104.0	100.0	3.9	41-138	20
rbon Tetrachloride	ND	ND	51.0	49.0	102.0	98.0	4.0	43-143	20
2-Dichloroethane	ND	ND	51.0	49.0	102.0	98.0	4.0	51-147	20
ichloroethane	ND	ND	51.0	49.0	102.0	98.0	4.0	35-146	20
2-Dichloropropene	ND	ND	50.0	49.0	100.0	96.0	4.1	44-156	20
omodichloromethane	ND	ND	50.0	48.0	100.0	96.0	4.1	42-172	20
Chloroethyl Vinyl Ether	ND	ND	62.0	59.0	124.0	118.0	5.0	14-186	20
s-1,3-Dichloropropene	ND	ND	53.0	49.0	106.0	98.0	7.8	22-178	20
ans-1,3-Dichloropropene	ND	ND	55.0	51.0	110.0	102.0	7.5	22-178	20
1,2-Trichloroethane	ND	ND	53.0	51.0	106.0	102.0	3.8	39-136	20
trichloroethene	ND	ND	53.0	50.0	106.0	100.0	5.8	26-162	20
bromochloromethane	ND	ND	54.0	51.0	108.0	102.0	5.7	24-191	20
lorobenzene	ND	ND	52.0	50.0	104.0	100.0	3.9	38-150	20
omoform	ND	ND	57.0	55.0	114.0	110.0	3.6	13-159	20
1,2,2-Tetrachloroethane	ND	ND	58.0	55.0	116.0	110.0	5.3	8-184	20
3-Dichlorobenzene	ND	ND	51.0	49.0	102.0	98.0	4.0	7-187	20
4-Dichlorobenzene	ND	ND	53.0	51.0	106.0	102.0	3.8	42-143	20
2-Dichlorobenzene	ND	ND	52.0	51.0	104.0	102.0	1.9	D-208	20

* Not Detected
 * Detection Limit

SPL, Incorporated

 John Durand, QC Officer



SOUTHERN PETROLEUM LABORATORIES, INC.
 ENVIRONMENTAL LABORATORY

LAFAYETTE
 P.O. BOX 11780
 28130-51780
 PHONE: 318 466 1374

1. CHEST # _____

DATE 11-26

CLIENT CHEST: YES/NO

SAMPLE LOGIN CHECKLIST

	YES	NO
1) IS A CHAIN-OF CUSTODY FORM PRESENT:	<u>✓</u>	_____
2) IS THE COC PROPERLY COMPLETED:	<u>✓</u>	_____
IF NO, DESCRIBE WHAT IS INCOMPLETE:	_____	

3) HAS CLIENT BEEN CONTACTED ABOUT INCOMPLETE COC:	_____	_____
4) IS AIRBILL/PACKING LIST/BILL OF LADING ATTACHED TO SHIPMENT:	_____	<u>✓</u>
IF YES, ID# _____	_____	

5) ARE CUSTODY SEALS PRESENT ON THE PACKAGE:	_____	<u>✓</u>
IF YES, ARE THEY INTACT UPON RECEIPT:	_____	_____

6) ARE ALL SAMPLES TAGGED OR LABELED:	<u>✓</u>	_____
DO THE LABELS MATCH THE COC:	_____	_____
IF NO, HAS CLIENT BEEN CONTACTED ABOUT IT:	_____	_____
(PLACE SUBSEQUENT DOCUMENTATION FROM CLIENT IN REMARKS)	_____	

7) DO ALL SHIPPING DOCUMENTS AGREE:	_____	_____
IF NO, DESCRIBE WHAT IS IN NONCONFORMITY:	_____	

8) CONDITION/TEMPERATURE OF SHIPPING CONTAINER:	_____	
	<u>OK / 4°C ✓</u>	

9) CONDITION OF SAMPLE CONTAINERS:	_____	
	<u>Good ✓</u>	

10) SAMPLE DISPOSAL: SPL _____	RETURN TO CLIENT _____
REMARKS/CONTACT/PHONE/DATE:	_____

TO: H. E. T. REPTS TO: Hydro-Env. Tech INV. TO: Hydro-Env. Tech
 RUC #: 1051-03 ATTN: Stewart Stover ATTN: Stewart Stover
 403 LOC.: _____ ADDR: _____ ADDR: _____
 SPL REP.: Ocean Bottoms CTY/ST: _____ CTY/ST: _____



SOUTHERN PETROLEUM LABORATORIES, INC.

LAFAYETTE
P.O. BOX 31780
28170-0317
PHONE 318 984 2373

Certificate of Analysis No. X1127338

HYDRO ENVIRONMENTAL TECHNOLOGY, INC.
104 SAVONNE DR.
SCOTT, LA 70583

12-09-91

Project No:
Project: CITY OF LAFAYETTE
Site: LAFAYETTE, LA
Sample No: SN-9
Sample of: SOIL
Sampled by: HYDRO ENVIRONMENTAL
Sample Date: 11-27-91, 09:15 AM
Date Received: 11-27-91

ANALYTICAL RESULTS

PARAMETER	RESULTS	PQL*
Benzene	ND mg/kg	0.0200 mg/kg
Toluene	ND mg/kg	0.0200 mg/kg
Ethylbenzene	ND mg/kg	0.0200 mg/kg
Xylenes	ND mg/kg	0.0200 mg/kg
Method-5030/8020 [SW846]		

Total Petroleum Hydrocarbons 120 mg/kg 6.7 mg/kg
Method-Mod.413.1 [EPA Wt&Wst]

BTEX ANALYZED BY : M. STEWART DATE/TIME: 12-03-91, 10:51 AM

TPH ANALYZED BY : R. BOGER DATE/TIME: 11-30-91, 10:00 PM
TPH EXTRACTED BY : R. DOER DATE/TIME: 11-30-91, 05:00 PMNotes: * Practical Quantitation Limit
ND = Not Detected. NA = Not Analyzed.

QUALITY ASSURANCE: This analysis was performed in accordance with EPA guidelines for analysis and quality control.

SPL, Incorporated

C. A. Guardia



SOUTHERN PETROLEUM LABORATORIES, INC.

LAFAYETTE
P.O. BOX 21780
NEW ORLEANS, LA 70121
PHONE 504-237-2374

Certificate of Analysis No. X1127338

HYDRO ENVIRONMENTAL TECHNOLOGY
104 SAVONNE DRIVE
SCOTT, LA 70583

12-18-91

Location/Field: CITY OF LAFAYETTE
Sample of: SOIL
Sample point: SD-9 (1.5 - 2.5 COMPOSITE)
Sampled by: HYDRO ENVIRONMENTAL
Sample Date: 11-27-91, 09:15 AM

TOTAL METALS

Parameter	Method	Results	Det	Limt	Analyst	Date/Time Analyzed
ARSENIC	7060	14.0	mg/kg	0.1	K. GRIZZAFFI	12-04-91, 02:00 PM
BERYLIUM	3050/7060	199	mg/kg	10	M. BERGERON	12-10-91, 06:30 AM
CADMIUM	3050/7130	1.5	mg/kg	0.5	M. BERGERON	12-09-91, 11:00 AM
BROMINE	3050/7190	11	mg/kg	5	M. BERGERON	12-09-91, 09:00 AM
COBALT	3050/7470	461	mg/kg	10	M. BERGERON	12-05-91, 09:30 AM
MERCURY	7471	0.064	mg/kg	0.004	M. BERGERON	12-11-91, 09:00 AM
CHLORINE	7740	1.0	mg/kg	0.2	C. CALAIS	12-05-91, 07:00 AM
SILVER	7760	1	mg/kg	1	M. BERGERON	12-11-91, 01:00 PM

Ref: Test Methods for Evaluating Solid Waste, EPA SW846, 1986

ND = Parameter analyzed for but not detected. The reported limit is the minimum attainable detection limit for the sample.

Quality Assurance: These analyses are performed in accordance with EPA guidelines for Quality Assurance.

NOTE: Analytical results reported as Dry Weight.

SPL, Incorporated

[Signature]
C.A. Guardia



SOUTHERN PETROLEUM LABORATORIES, INC.

Certificate of Analysis No. X1127338

LAFAYETTE
P.O. BOX 31780
JFK 70503 1780
PHONE 318 984 2374HYDRO ENVIRONMENTAL TECHNOLOGY, INC.
104 SAVONNE DR.
SCOTT, LA 70583

12-09-91

Project No:
Project: CITY OF LAFAYETTE
Site: LAFAYETTE, LA
Sample No: SB-9
Sample of: SOIL
Sampled by: HYDRO ENVIRONMENTAL
Sample Date: 11-27-91, 09:15 AM Date Received: 11-27-91

PARAMETER	RESULTS	MDL*
Dichlorodifluoromethane	ND	0.10 ug/kg
Chloromethane	ND	0.08 ug/kg
Vinyl Chloride	ND	0.18 ug/kg
Bromomethane	ND	0.10 ug/kg
Chloroethane	ND	0.52 ug/kg
Trichlorofluoromethane	ND	0.10 ug/kg
1,1-Dichloroethene	ND	0.13 ug/kg
Methylene Chloride	ND	0.08 ug/kg
Trans-1,2-Dichloroethene	ND	0.10 ug/kg
1,1-Dichloroethane	ND	0.07 ug/kg
Chloroform	ND	0.05 ug/kg
1,1,1-Trichloroethane	ND	0.03 ug/kg
Carbon Tetrachloride	ND	0.12 ug/kg
1,2-Dichloroethane	ND	0.03 ug/kg
Trichloroethene	ND	0.12 ug/kg
1,2-Dichloropropane	ND	0.04 ug/kg
Bromodichloromethane	ND	0.10 ug/kg
2-Chloroethyl Vinyl Ether	ND	0.13 ug/kg
Cis-1,3-Dichloropropene	ND	0.10 ug/kg
Trans-1,3-Dichloropropene	ND	0.34 ug/kg
1,1,2-Trichloroethane	ND	0.02 ug/kg
Tetrachloroethane	ND	0.03 ug/kg
Dibromochloromethane	ND	0.09 ug/kg
Chlorobenzene	ND	0.25 ug/kg
Bromoform	ND	0.20 ug/kg
1,1,2,2-Tetrachloroethane	ND	0.03 ug/kg
1,3-Dichlorobenzene	ND	0.32 ug/kg
1,4-Dichlorobenzene	ND	0.24 ug/kg
1,2-Dichlorobenzene	ND	0.15 ug/kg

ANALYZED BY: D. CORMIER DATE/TIME: 12-03-91, 06:05 PM
METHOD-5030/8010 [SW 846] - Purgeable Halocarbons
Notes: * Method Detection Limit ND = Not Detected. NA = Not Analyzed.
QUALITY ASSURANCE: This analysis was performed in accordance with EPA
guidelines for analysis and quality control.
SPL, Incorporated

A. A. GORDON



SOUTHERN PETROLEUM LABORATORIES, INC.

LAFAYETTE
P.O. BOX 31780
70703-931780
PHONE 318 984 7314

Certificate of Analysis No. X1127339

HYDRO ENVIRONMENTAL TECHNOLOGY, INC.
104 SAVONNE DR.
SCOTT, LA 70583

12-09-91

Project No:
Project: CITY OF LAFAYETTE
Site: LAFAYETTE, LA
Sample No: SB-10
Sample of: SOIL
Sampled by: HYDRO ENVIRONMENTAL
Sample Date: 11-27-91, 09:39 AM
Date Received: 11-27-91

ANALYTICAL RESULTS

PARAMETER	RESULTS	PQL*
Benzene	0.0045 mg/kg	0.0200 mg/kg
Toluene	0.0037 mg/kg	0.0200 mg/kg
Ethylbenzene	ND mg/kg	0.0200 mg/kg
Xylenes	ND mg/kg	0.0200 mg/kg
Method-5030/8020 [SW846]		
Total Petroleum Hydrocarbons	820 mg/kg	6.7 mg/kg
Method-Mod.418.1 [EPA Wtr&Wst]		

BTEX ANALYZED BY : M. STEWART DATE/TIME: 12-03-91, 11:16 AM

TPH ANALYZED BY : R. BOGER DATE/TIME: 11-30-91, 10:00 PM
TOH EXTRACTED BY : R. BOGER DATE/TIME: 11-30-91, 05:00 PMNotes: * Practical Quantitation Limit
ND = Not Detected. NA = Not Analyzed.

QUALITY ASSURANCE: This analysis was performed in accordance with EPA guidelines for analysis and quality control.

SPL, Incorporated


C. A. Guardia



SOUTHERN PETROLEUM LABORATORIES, INC.

 LAFAYETTE
 P.O. BOX 31780
 ZIP 70591-1780
 PHONE 318 984-2374

Certificate of Analysis No. X1127339

 HYDRO ENVIRONMENTAL TECHNOLOGY
 104 SAVONNE DRIVE
 SCOTTY, LA 70583

12-18-91

Location/Field: CITY OF LAFAYETTE
 Sample of: SOIL
 Sample point: SB-10 (1.5 - 2.5)
 Sampled by: HYDRO ENVIRONMENTAL
 Sample Date: 11-27-91, 09:39 AM

TOTAL METALS

Parameter	Method	Results	Det Limit	Analyst	Date/Time Analyzed
BENIC	7060	10.2 mg/kg	0.1	K. GRIZZAFFI	12-04-91, 02:00 PM
NIUM	3050/7080	109 mg/kg	10	M. BERGERON	12-10-91, 06:30 AM
MIUM	3050/7130	0.8 mg/kg	0.5	M. BERGERON	12-09-91, 11:00 AM
MIUM	3050/7190	6 mg/kg	5	M. BERGERON	12-09-91, 09:00 AM
AD	3050/7420	165 mg/kg	10	M. BERGERON	12-05-91, 09:30 AM
RCURY	7471	0.139 mg/kg	0.004	M. BERGERON	12-11-91, 09:00 AM
LENIUM	7740	1.1 mg/kg	0.2	C. CALAIS	12-05-91, 07:00 AM
LVER	7760	ND mg/kg	1	M. BERGERON	12-11-91, 01:00 PM

Ref: Test Methods for Evaluating Solid Waste, EPA SW846, 1986

D = Parameter analyzed for but not detected. The reported limit is the minimum attainable detection limit for the sample.

Quality Assurance: These analyses are performed in accordance with EPA guidelines for Quality Assurance.

DTE: Analytical results reported as Dry Weight.

SPL, Incorporated

C. A. Guardian
 C. A. Guardian



SOUTHERN PETROLEUM LABORATORIES, INC.

Certificate of Analysis No. X1127339

 LAFAYETTE
 P.O. BOX 31780
 ZIP 70503-1780
 PHONE 318 983-2374

 HYDRO ENVIRONMENTAL TECHNOLOGY, INC.
 104 SAVONNE DR.
 SCOTT, LA 70583

12-09-91

Project No:
 Project: CITY OF LAFAYETTE
 Site: LAFAYETTE, LA
 Sample No: SB-10
 Sample of: SOIL
 Sampled by: HYDRO ENVIRONMENTAL
 Sample Date: 11-27-91, 09:39 AM

Date Received: 11-27-91

PARAMETER	RESULTS	MDL*
Dichlorodifluoromethane	ND	0.10 ug/kg
Chloromethane	ND	0.08 ug/kg
Vinyl Chloride	ND	0.18 ug/kg
Bromomethane	ND	0.10 ug/kg
Chloroethane	ND	0.52 ug/kg
Trichlorofluoromethane	ND	0.10 ug/kg
1,1-Dichloroethene	ND	0.13 ug/kg
Methylene Chloride	ND	0.08 ug/kg
Trans-1,2-Dichloroethene	ND	0.10 ug/kg
1,1-Dichloroethane	ND	0.07 ug/kg
Chloroform	ND	0.05 ug/kg
1,1,1-Trichloroethane	ND	0.03 ug/kg
Carbon Tetrachloride	ND	0.12 ug/kg
1,2-Dichloroethane	ND	0.03 ug/kg
Trichloroethene	ND	0.12 ug/kg
1,2-Dichloropropane	ND	0.04 ug/kg
Bromodichloromethane	ND	0.10 ug/kg
2-Chloroethyl Vinyl Ether	ND	0.13 ug/kg
Cis-1,3-Dichloropropene	ND	0.10 ug/kg
Trans-1,3-Dichloropropene	ND	0.34 ug/kg
1,1,2-Trichloroethane	ND	0.02 ug/kg
Tetrachloroethane	ND	0.03 ug/kg
Dibromochloromethane	ND	0.09 ug/kg
Chlorobenzene	ND	0.25 ug/kg
Bromoform	ND	0.20 ug/kg
1,1,2,2-Tetrachloroethane	ND	0.03 ug/kg
1,3-Dichlorobenzene	ND	0.32 ug/kg
1,4-Dichlorobenzene	ND	0.24 ug/kg
1,2-Dichlorobenzene	ND	0.15 ug/kg

ANALYZED BY: D. CORMIER DATE/TIME: 12-03-91, 07:12 PM
 METHOD-5030/8010 [SW 846] - Purgeable Halocarbons
 Notes: * Method Detection Limit ND = Not Detected. NA = Not Analyzed.
 QUALITY ASSURANCE: This analysis was performed in accordance with EPA
 guidelines for analysis and quality control.
 SPL, Incorporated

 C. A. Guardia



SOUTHERN PETROLEUM LABORATORIES, INC.

 LAFAYETTE
 P.O. BOX 31780
 706 20393-1780
 PHONE 318 984-2374

Certificate of Analysis No. X1127340

 HYDRO ENVIRONMENTAL TECHNOLOGY, INC.
 104 SAVONNE DR.
 SCOTT, LA 70583

12-09-91

Project No:
 Project: CITY OF LAFAYETTE
 Site: LAFAYETTE, LA
 Sample No: SB-11
 Sample of: SOIL
 Sampled by: HYDRO ENVIRONMENTAL
 Sample Date: 11-27-91, 09:45 AM
 Date Received: 11-27-91

ANALYTICAL RESULTS

PARAMETER	RESULTS	PQL*
Benzene	0.0070 mg/kg	0.0200 mg/kg
Toluene	0.0050 mg/kg	0.0200 mg/kg
Ethylbenzene	ND mg/kg	0.0200 mg/kg
Xylenes	0.0025 mg/kg	0.0200 mg/kg
Method-5030/8020 [SW846]		

Total Petroleum Hydrocarbons 18 mg/kg 6.7 mg/kg
 Method-Mod.418.1 [EPA Wtr&Wst]

DTEx ANALYZED BY : M. STEWART DATE/TIME: 12-03-91, 11:41 AM

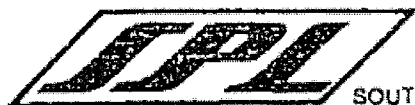
 TPH ANALYZED BY : R. BOGER DATE/TIME: 11-30-91, 10:00 PM
 TPH EXTRACTED BY : R. BOGER DATE/TIME: 11-30-91, 05:00 PM

 Notes: * Practical Quantitation Limit
 ND = Not Detected, NA = Not Analyzed.

QUALITY ASSURANCE: This analysis was performed in accordance with EPA guidelines for analysis and quality control.

SPL, Incorporated

 C. A. Guardia



SOUTHERN PETROLEUM LABORATORIES, INC.

LAFAYETTE
P.O. BOX 11120
JAY 70503-1120
PHONE 318 984 2174

Certificate of Analysis No. X1127340

HYDRO ENVIRONMENTAL TECHNOLOGY
104 SAVONNE DRIVE
SCOTT, LA 70503

12-18-91

Location/Field: CITY OF LAFAYETTE
Sample of: SOIL
Sample point: SB-11 (1.5 - 2.5)
Sampled by: HYDRO ENVIRONMENTAL
Sample Date: 11-27-91, 09:45 AM

TOTAL METALS

Parameter	Method	Results	Det Lim	Analyst	Date/Time Analyzed
SENIC	7060	6.6	mg/kg 0.1	K. GRIZZAFFI	12-04-91, 02:00 PM
RIUM	3050/7080	87	mg/kg 10	M. BERGERON	12-10-91, 05:30 AM
DIUM	3050/7130	1.7	mg/kg 0.5	M. BERGERON	12-09-91, 11:00 AM
ROMIUM	3050/7190	7	mg/kg 5	M. BERGERON	12-09-91, 09:00 AM
AD	3050/7420	141	mg/kg 10	M. BERGERON	12-05-91, 09:30 AM
RCURY	7471	0.085	mg/kg 0.004	M. BERGERON	12-11-91, 09:00 AM
LENIUM	7740	ND	mg/kg 0.2	C. CALAIS	12-05-91, 07:00 AM
IVER	7760	1	mg/kg 1	M. BERGERON	12-11-91, 01:00 PM

Ref: Test Methods for Evaluating Solid Waste, EPA SW846, 1986

D = Parameter analyzed for but not detected. The reported limit is the minimum attainable detection limit for the sample.

Quality Assurance: These analyses are performed in accordance with EPA guidelines for Quality Assurance.

OTE: Analytical results reported as Dry Weight.

SPL, Incorporated

C. A. Guardia



SOUTHERN PETROLEUM LABORATORIES, INC.

Certificate of Analysis No. X1127340

 LAFAYETTE
 P.O. BOX 31780
 NEW ORLEANS, LA 70131-0780
 PHONE 518 984-2374

 HYDRO ENVIRONMENTAL TECHNOLOGY, INC.
 104 SAVONNE DR.
 SCOTT, LA 70593

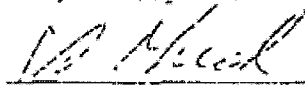
12-09-91

Project No:
 Project: CITY OF LAFAYETTE
 Site: LAFAYETTE, LA
 Sample No: SB-11
 Sample of: SOIL
 Sampled by: HYDRO ENVIRONMENTAL
 Sample Date: 11-27-91, 09:45 AM

Date Received: 11-27-91

PARAMETER	RESULTS	MDL*
Dichlorodifluoromethane	ND	0.10 ug/kg
Chloromethane	ND	0.08 ug/kg
Vinyl Chloride	ND	0.18 ug/kg
Bromomethane	ND	0.10 ug/kg
Chloroethane	ND	0.52 ug/kg
Trichlorofluoromethane	ND	0.10 ug/kg
1,1-Dichloroethane	ND	0.13 ug/kg
Methylene Chloride	ND	0.08 ug/kg
Trans-1,2-Dichloroethene	ND	0.10 ug/kg
1,1-Dichloroethane	ND	0.07 ug/kg
Chloroform	ND	0.05 ug/kg
1,1,1-Trichloroethane	ND	0.03 ug/kg
Carbon Tetrachloride	ND	0.12 ug/kg
1,2-Dichloroethane	ND	0.03 ug/kg
Trichloroethene	ND	0.12 ug/kg
1,2-Dichloropropane	ND	0.04 ug/kg
Bromodichloromethane	ND	0.10 ug/kg
2-Chloroethyl Vinyl Ether	ND	0.13 ug/kg
Cis-1,3-Dichloropropene	ND	0.10 ug/kg
Trans-1,3-Dichloropropene	ND	0.34 ug/kg
1,1,2-Trichloroethane	ND	0.02 ug/kg
Tetrachloroethene	ND	0.03 ug/kg
Dibromochloromethane	ND	0.09 ug/kg
Chlorobenzene	ND	0.25 ug/kg
Bromoform	ND	0.20 ug/kg
1,1,2,2-Tetrachloroethane	ND	0.03 ug/kg
1,3-Dichlorobenzene	ND	0.32 ug/kg
1,4-Dichlorobenzene	ND	0.24 ug/kg
1,2-Dichlorobenzene	ND	0.15 ug/kg

ANALYZED BY: D. CORMIER DATE/TIME: 12-03-91, 08:18 PM
 METHOD: 8030/8010 [SW 846] - Purgeable Halocarbons
 Notes: * Method Detection Limit ND = Not Detected. NA = Not Analyzed.
 QUALITY ASSURANCE: This analysis was performed in accordance with EPA
 guidelines for analysis and quality control.
 SPL, Incorporated


 C. A. Guardia



SOUTHERN PETROLEUM LABORATORIES, INC.

 LAFAYETTE
 P.O. BOX 11700
 NEW ORLEANS, LA 70178
 PHONE 504 584-1374

 ** SPL QUALITY CONTROL REPORT **
 DETX MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

 SPL Sample ID: X1127286
 Matrix: SOIL

 Reported on: 12-09-91
 Analyzed on: 12-03-91
 Analyst: M. STEWART

This sample was randomly selected for use in the SPL quality control program. The results are as follows:

---- SPIKE ANALYSIS ----

Compound	Blank Value ug/kg	Spike Added ug/kg	Original Sample Concentration ug/kg	MS Concentration ug/kg	MS % Rec #	QC Limits Range
BENZENE	ND	50	ND	45	90	39-150
TOLUENE	ND	50	ND	45	90	46-148
ETHYLBENZENE	ND	50	ND	47	94	32-160
m,p-XYLENE	ND	100	ND	96	96	32-160
o-XYLENE	ND	50	ND	49	98	32-160

---- SPIKE DUPLICATE ANALYSIS ----

Compound	Spike Added ug/kg	MSD Concentration ug/kg	MSD % Rec #	% RPD #	QC LIMITS RPD Limit	Rec. Range
BENZENE	50	44	88	2	20	39-150
TOLUENE	50	44	88	2	20	46-148
ETHYLBENZENE	50	47	94	0	20	32-160
m,p-XYLENE	100	94	94	2	20	32-160
o-XYLENE	50	48	96	2	20	32-160

SPL, Incorporated

 John Durand, QC Officer



SOUTHERN PETROLEUM LABORATORIES, INC.

 LAFAYETTE
 P.O. BOX 31740
 ZIP 70501-1740
 PHONE 318 584 2374

** SPL QUALITY CONTROL REPORT **

Matrix: SOIL

 Reported on: 12-09-91
 Analyzed on: 11-30-91
 Analyst: R. BOGER

This sample was randomly selected for use in the SPL quality control program. Samples chosen are fortified with a known concentration in duplicate. The results are as follows:

 TOTAL PETROLEUM HYDROCARBONS [TPH]
 Method-Modified 418.1 [45501]

---- SPIKE ANALYSIS ----

SPL Sample ID	Blank Value mg/kg	Spike Added mg/kg	Original Sample Concentration mg/kg	MS Concentration mg/kg	MS % Rec #
X1127315	ND	300.0	ND	292.0	97

---- SPIKE DUPLICATE ANALYSIS ----

SPL Sample ID	Spike Added mg/kg	MSD Concentration mg/kg	MSD % Rec #	% RPD
X1127315	300.0	290.0	96	0.7

SPL, Incorporated

John Durand, QC Officer



SOUTHERN PETROLEUM LABORATORIES, INC.

 LAFAYETTE
 P.O. BOX 11780
 70105-0178
 PHONE 318 984 2374

 ** SPL QUALITY CONTROL REPORT **
 MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

METHOD-5030/8010 [SW 846] - Purgeable Halocarbons

SPL Sample ID:	F111430-21A	Reported on:	12-04-91
Matrix:	SOIL	Analyzed on:	12-03-91
Spike Added:	50 ug/kg	Analyst:	D. CORMIER

This sample was randomly selected for use in the SPL Quality Control Program.
 The results are as follows:

Compound	Blank Conc	Sample Conc	MS Conc	MSD Conc	MS % Recov	MSD % Recov	RPD %	QC Limits % Rec.	RPD
Chlorodifluoromethane	ND	ND	52.0	49.0	104.0	98.0	5.9	-----	20
Fluoromethane	ND	ND	53.0	51.0	106.0	102.0	3.8	D-193	20
Vinyl Chloride	ND	ND	50.0	48.0	100.0	96.0	4.1	28-163	20
Bromomethane	ND	ND	53.0	51.0	106.0	102.0	3.8	D-144	20
Chloroethane	ND	ND	55.0	49.0	110.0	93.0	11.5	46-137	20
Chlorodifluoromethane	ND	ND	52.0	48.0	104.0	96.0	8.0	21-156	20
1,1-Dichloroethene	ND	ND	53.0	49.0	106.0	98.0	7.8	28-167	20
Ethylene Chloride	ND	ND	50.0	43.0	100.0	95.0	4.1	25-162	20
trans-1,2-Dichloroethene	ND	ND	51.0	48.0	102.0	93.0	6.1	38-155	20
1,1-Dichloroethane	ND	ND	50.0	47.0	100.0	94.0	6.2	47-132	20
Chloroform	ND	ND	50.0	48.0	100.0	96.0	4.1	49-133	20
1,1,1-Trichloroethane	ND	ND	52.0	50.0	104.0	100.0	3.9	41-138	20
Carbon Tetrachloride	ND	ND	51.0	49.0	102.0	98.0	4.0	43-143	20
1,2-Dichloroethane	ND	ND	51.0	49.0	102.0	98.0	4.0	51-147	20
Trichloroethene	ND	ND	51.0	49.0	102.0	98.0	4.0	35-146	20
1,2-Dichloropropane	ND	ND	50.0	48.0	100.0	96.0	4.1	44-156	20
trans-Dichloromethane	ND	ND	50.0	48.0	100.0	96.0	4.1	42-172	20
trans-Chloroethyl Vinyl Ether	ND	ND	62.0	59.0	124.0	110.0	5.0	14-186	20
trans-1,3-Dichloropropene	ND	ND	53.0	49.0	106.0	98.0	7.8	22-178	20
trans-1,3-Dichloropropene	ND	ND	55.0	51.0	110.0	102.0	7.5	22-178	20
1,1,2-Trichloroethane	ND	ND	53.0	51.0	106.0	102.0	3.8	39-136	20
Tetrachloroethene	ND	ND	53.0	50.0	106.0	100.0	5.8	26-162	20
Bromochloromethane	ND	ND	54.0	51.0	108.0	102.0	5.7	24-191	20
Chlorobenzene	ND	ND	52.0	50.0	104.0	100.0	3.9	38-150	20
Chloroform	ND	ND	57.0	55.0	114.0	110.0	3.6	13-159	20
1,1,2,2-Tetrachloroethane	ND	ND	58.0	55.0	116.0	110.0	5.3	8-184	20
1,3-Dichlorobenzene	ND	ND	51.0	49.0	102.0	98.0	4.0	7-187	20
1,4-Dichlorobenzene	ND	ND	53.0	51.0	106.0	102.0	3.8	42-143	20
1,2-Dichlorobenzene	ND	ND	52.0	51.0	104.0	102.0	1.9	D-208	20

D = Not Detected
 D = Detection Limit

SPL, Incorporated

John Durand
 John Durand, QC Officer



SOUTHERN PETROLEUM LABORATORIES, INC.
ENVIRONMENTAL LABORATORY

LATAYILLE
P.O. BOX 31780
DALLAS, TEXAS 75231-0780
PHONE 214 346-2374

SPL CHEST # _____

DATE

11-2-97

CLIENT CHEST: YES/NO

SAMPLE LOG-IN CHECKLIST

	YES	NO
1) IS A CHAIN-OF CUSTODY FORM PRESENT:	<u>/</u>	_____
2) IS THE COC PROPERLY COMPLETED:	_____	_____
IF NO, DESCRIBE WHAT IS INCOMPLETE:	_____	

3) HAS CLIENT BEEN CONTACTED ABOUT INCOMPLETE COC:	_____	_____
4) IS AIRBILL/PACKING LIST/BILL OF LADING ATTACHED TO SHIPMENT:	_____	<u>/</u>
IF YES, ID# _____		
5) ARE CUSTODY SEALS PRESENT ON THE PACKAGE:	_____	<u>/</u>
IF YES, ARE THEY INTACT UPON RECEIPT:	_____	_____
6) ARE ALL SAMPLES TAGGED OR LABELED:	<u>/</u>	_____
DO THE LABELS MATCH THE COC:	_____	_____
IF NO, HAS CLIENT BEEN CONTACTED ABOUT IT:	_____	_____
(PLACE SUBSEQUENT DOCUMENTATION FROM CLIENT IN REMARKS)	_____	
7) DO ALL SHIPPING DOCUMENTS AGREE:	_____	_____
IF NO, DESCRIBE WHAT IS IN NONCONFORMITY:	_____	

8) CONDITION/TEMPERATURE OF SHIPPING CONTAINER:

RECEIVED BY

OK / 4°C

JUL 21 1997

9) CONDITION OF SAMPLE CONTAINERS:

OK

GROUND WATER
PROTECTION DIVISION

10) SAMPLE DISPOSAL: SPL _____
REMARKS/CONTACT/PHONE/DATE: _____

RETURN TO CLIENT _____

CO.: 11 E.T. REPT. TO: _____ INV. TO: _____
PROJ. # - ATTN: _____ ATTN: _____
PROJ. LOC.: LATAYILLE, LA. ADDR: _____ ADDR: _____
SPL. REP.: OSCAR ALVARO CTRY/ST: _____ CTRY/ST: _____



HYDRO-ENVIRONMENTAL TECHNOLOGY, INC.

Environmental Consultants

P.O. Box 31203

Lafayette, LA 70593-1203

Phone (318) 261-1963 FAX (318) 233-0361

SAMPLE CHAIN OF CUSTODY RECORD

Laboratory:

SPL

Project Name:

City of Lafayette

Sample Collected By:

BJS / KMM

Project #:

1051.03

Company:

(HET)

Project Location:


Lafayette (LA)

Date:

11-26-91

Sample I.D.	Type	Date/Time Sampled	Containers	Analysis Requested/ Method	Comments
5'-6' SB1	SO	11-26-91 13:35	(1) (Quail) Glass	VOC - 8240 TPH - 418.1 TOTAL METALS (S)	5'-6'
0'-1' SB2	SO	11-26-91 13:50	"	"	0'-1'
SB3	SO	11-26-91 14:05	"	"	1.5'-2.5'
SB4	SO	11-26-91 14:20	"	"	1.5'-2.5'
SB5	SO	11-26-91 14:30	"	"	1.5'-2.5'
SB6	SO	11-26-91 15:00	"	"	1.5'-2.5'
SB7	SO	11-26-91 16:10	"	"	1.5'-2.5'
1.5'-2.5' SB8	SO	11-26-91 16:55	(1) (Quail) Glass	VOC - 8240 TPH - 418 TOTAL METALS	
P1	SO	11-26-91 15:20	"	"	6.5'-7.5'
SB2	SO	11-26-91 13:55	"	"	1.5'-2.5'
12-27-91	As per Steeart spec change VOC 8240 to 601+602 analogs, TPH 418.1 & Total Metals on all samples.				
				K. Seateille	
Relinquished By:	Keith Seaton		Received By:	DC, MS SW	
Date/Time:	11-26-91 17:10		Date/Time:		
Relinquished By:			Received By:	OSCAR LAFLORES JK DC, MS	
Date/Time:			Date/Time:	11-26-91 17:10	
Analysis Due	Verbal:			Writers:	12/5/91

Page _____ of _____



SPL Environmental Laboratories, Inc.
 104 Gumbert Road
 Lakeview, Louisiana 70506
 (504) 934-2277

Analysis Request and Chain of Custody Record

Client Name: City of Lafayette

Project Location: Lafayette, LA

Project No: _____

City: _____ Address: _____ Contact: _____

Phone: 261-1965

Sample No.	Date	Time	Container	Sample Container (Seal No.)	Sample Type (Solid Sol, Sludge Etc)	Preservative	ANALYSIS REQUESTED		REMARKS
							TEST	METHOD	
B-9	11/27/91	9:15	1st	Soil	—	—	TPH, VOC, Metals	60, 102, 118.1	1.5-2.5 (approx)
B-10	11/27/91	9:59	1st	Soil	—	—	" " "	" " "	1.5-2.5
B-11	11/27/91	9:45	1st	Soil	—	—	" " "	" " "	1.5-2.5
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>FILED THIS</p> <p>DATE</p> <p>20</p> </div> <div style="width: 40%; text-align: center;"> <p>RECEIVED BY</p> <p>JUL 21 1993</p> <p>GROUND WATER PROTECTION DIVISION</p> </div> <div style="width: 30%;"> <p>MS SW, DC, JK</p> <p>KL, MC, MB, LC</p> <p>12-6-91</p> </div> </div>									

Signature: [Signature]

Address: _____

APPROVALS

Received by (Signature)	Date	Time	Received by (Signature)	Date	Time
<u>[Signature]</u>	11/27/91	10:20			
Received by (Signature)	Date	Time	Received by (Signature)	Date	Time
Received by (Signature)	Date	Time	Received by (Signature)	Date	Time

Signature: [Signature]

Address: _____

Received by (Signature)	Date	Time	Received by (Signature)	Date	Time
<u>[Signature]</u>	11/27/91	10:25			

**SUPPLEMENTAL DATA
FOR CONTAMINATION ASSESSMENT REPORT
Conoco Food Distributors Facility
1016 Southwest Evangeline Thruway
Lafayette, Louisiana
July 31, 1992**

Prepared for

**Mr. John Wallace - Vice President
Service Distributing Company, Inc.**

RECEIVED

AUG 10 1992

**UNDERGROUND STORAGE
TANK DIVISION**

By

**HYDRO-ENVIRONMENTAL TECHNOLOGY, INC.
104-R. Savonne Dr.
Scott, Louisiana
70583
(318) 281-1983**

FILED THIS

DAY OF

, 2016

Deputy Clerk of Court

EXHIBIT

D



HYDRO-ENVIRONMENTAL TECHNOLOGY, INC.

Environmental Consultants

P. O. Box 31203

Lafayette, LA 70583-1203 *LA FAYETTE*

104 R. Savonne Drive
Scott, LA 70583

Phone: (318) 281-1963
FAX (318) 233-0381

August 05, 1992

Mr. Dennis D. Strickland
Program Manager
Louisiana Department of
Environmental Quality
Underground Storage Tank Division
P. O. Box 82178
Baton Rouge, LA 70884

Dear Mr. Strickland:

Enclosed are three copies of the Supplemental Data for Contamination Assessment Report for the Conco Food Distributors facility located at 1016 Southwest Evangeline Thruway in Lafayette, Louisiana.

Should you have any questions or need further information, please feel free to call.

Sincerely,

HYDRO-ENVIRONMENTAL TECHNOLOGY, INC.

Stewart L. Stover, Jr.
Stewart L. Stover, Jr.
Principal Hydrogeologist

SLS/kth

Enclosures

cc: Mr. John Wallace

RECEIVED

AUG 10 1992

UNDERGROUND STORAGE
TANK DIVISION

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INTRODUCTION

Purpose

This investigation will serve to provide supplemental data for the completion of a Contamination Assessment Report dated April 24, 1992 for the Conco Food Distributors facility located on Southwest Evangeline Thruway in Lafayette, Lafayette Parish, Louisiana. The data collected during this investigation will aid in determining the horizontal extent of contamination at this site.

Site History

Information concerning site history was provided by Service Distributing Company (SDC). On February 2, 1992, Service Distributing Company collected soil samples for closure purposes beneath the on-site underground storage tanks. Soil samples were collected at a depth of two feet below the bottom of the tankhold for laboratory analysis prior to removal. Laboratory analysis indicated the soil surrounding the former tankhold contained Total Petroleum Hydrocarbons - Diesel compounds above the acceptable levels. Subsequently, Service Distributing removed two (2) ten thousand gallon and one (1) eight thousand gallon diesel underground storage tanks. In late February 1992, Hydro-Environmental Technology, Inc. (HET) was contracted to conduct a preliminary soil investigation at the site. On February 25, 1992, HET installed three (3) soil borings for the purposes of collecting soil samples for laboratory analysis to determine site soil conditions. Laboratory analysis indicated soil contamination and possible groundwater contamination. Upon review of the laboratory analysis, the Louisiana Department of Environmental Quality (LDEQ) requested that a contamination assessment be conducted at this facility. The contamination assessment report was submitted to the LDEQ on April 24, 1992. On July 9, 1992, the LDEQ requested additional soil information in the area northeast of monitor well MW3. On July 21, 1992, HET installed four (4) soil borings to satisfy the requests of the LDEQ.